# The CMS Collaboration (2011)

## Yerevan Phys. Inst.

Chatrchyan, Serguei; Khachatryan, Vardan; Tumasyan, Armen; Sirunyan, Albert M.

### Vienna, OAW

Adam, Wolfgang; Aguilo, Ernest; Bergauer, Thomas; Dragicevic, Marko; Fabjan, Christian; Friedl, Markus; Fruehwirth, Rudolf; Ghete, Vasile Mihai; Haensel, Stephan; Hartl, Christian; Hoch, Michael; Hrubec, Josef; Jeitler, Manfred; Kiesenhofer, Wolfgang; Krammer, Manfred; Liko, Dietrich; Majerotto, Walter; Mikulec, Ivan; Pernicka, Manfred; Rahbaran, Babak; Rohringer, Christine; Rohringer, Herbert; Strauss, Josef; Taurok, Anton; Teischinger, Florian; Wagner, Philipp; Waltenberger, Wolfgang; Walzel, Gerhard; Widl, Edmund; Wulz, Claudia-Elisabeth; Erö, Janos; Hörmann, Natascha; Knünz, Valentin; Krätschmer, Ilse; Rabady, Dinyar; Schöfbeck, Robert; Treberer-Treberspurg, Wolfgang; Szoncsó, Fritz

### Minsk, High Energy Phys. Ctr.

Chekhovsky, Vladimir; Emeliantchik, Igor; Litomin, Aliaksandr; Makarenko, Vladimir; Mossolov, Vladimir; Shumeiko, Nikolai; Solin, Alexander; Stefanovitch, Roman; Suarez Gonzalez, Juan

#### Minsk, Inst. Nucl. Problems

Fedorov, Andrey; Korzhik, Mikhail; Missevitch, Oleg; Zuyeuski, Raman

### Antwerp U.

Bansal, Monika; Bansal, Sunil; Beaumont, Willem; Cerny, Karel; Cornelis, Tom; Druzhkin, Dmitry; Janssen, Xavier; Knutsson, Albert; Luyckx, Sten; Maes, Joris; Maes, Thomas; Mucibello, Luca; Ochesanu, Silvia; Rougny, Romain; Staykova, Zlatka; Van Haevermaet, Hans; Van Mechelen, Pierre; Van Remortel, Nick; Van Spilbeeck, Alex; Roland, Benoit; Alderweireldt, Sara; De Wolf, Eddi A.

### Vrije U., Brussels

Blekman, Freya; Blyweert, Stijn; D'Hondt, Jorgen; Devroede, Olivier; Goorens, Robert; Heracleous, Natalie; Lowette, Steven; Maes, Michael; Olbrechts, Annik; Strom, Derek; Tavernier, Stefaan; Van Doninck, Walter; Van Lancker, Luc; Van Mulders, Petra; Van Onsem, Gerrit Patrick; Villella, Ilaria; Kalogeropoulos, Alexis; Kim, Tae Jeong; Keaveney, James; Python, Quentin

### **Ecole Polytechnique**

Daci, Nadir; Badier, Jean; Baffioni, Stephanie; Beaudette, Florian; Becheva, Emilia; Broutin, Clementine; Busson, Philippe; Cerutti, Muriel; Chamont, David; Charlot, Claude; Dahms, Torsten; Dalchenko, Mykhailo; Dobrzynski, Ludwik; Geerebaert, Yannick; Granier de Cassagnac, Raphael; Haguenauer, Maurice; Hennion, Pascale; Mironov, Camelia; Naranjo, Ivo Nicolas; Nguyen, Matthew; Ochando, Christophe; Paganini, Pascal; Romanteau, Thierry; Salerno, Roberto; Sartirana, Andrea; Sirois, Yves; Thiebaux, Christophe; Veelken, Christian; Yilmaz, Yetkin; Zabi, Alexandre; Sabes, David; Noy, Matthew; Filipovic, Nicolas; Florent, Alice; Mastrolorenzo, Luca; Miné, Philippe; Sauvan, Jean-baptiste; Milleret, Gérard

#### Brussels U.

Clerbaux, Barbara; De Lentdecker, Gilles; Dero, Vincent; Dewulf, Jean-Paul; Gay, Arnaud; Marage, Pierre Edouard; Mohammadi, Abdollah; Reis, Thomas; Rugovac, Shkelzen; Thomas, Laurent; Vander Marcken, Gil; Vander Velde, Catherine; Vanlaer, Pascal; Wang, Jian; Wickens, John; Caillol, Cécile; Favart, Laurent; Léonard, Alexandre; Perniè, Luca; Seva, Tomislav

### Florida U.

Dobur, Didar; Cheng, Tongguang; Kropivnitskaya, Anna; Acosta, Darin; Avery, Paul; Barashko, Victor; Bourilkov, Dimitri; Das, Souvik; De Gruttola, Michele; Di Giovanni, Gian Piero; Dolinsky, Sergei; Fisher, Matthew; Fu, Yu; Furic, Ivan-Kresimir; Gartner, Joseph; Goldberg, Sean; Gorn, Lisa; Holmes, Daniel; Hugon, Justin; Kim, Bockjoo; Konigsberg, Jacobo; Korytov, Andrey; Kypreos, Theodore; Low, Jia Fu; Madorsky, Alexander; Matchev, Konstantin; Milenovic, Predrag; Mitselmakher, Guenakh; Muniz, Lana; Park, Myeonghun; Prescott, Craig; Remington, Ronald; Rinkevicius, Aurelijus; Schmitt, Michael; Scurlock, Bobby; Sellers, Paul; Snowball, Matthew; Stasko, John; Yelton, John; Zakaria, Mohammed; Skhirtladze, Nikoloz; Field, Richard D.; Shchutska, Lesya

# DESY

Grebenyuk, Anastasia; Behr, Joerg; Behrenhoff, Wolf; Behrens, Ulf; Bell, Alan James; Bergholz, Matthias; Bethani, Agni; Borras, Kerstin; Burgmeier, Armin; Cakir, Altan; Calligaris, Luigi; Campbell, Alan; Castro, Elena; Choudhury, Somnath; Costanza, Francesco; Dammann, Dirk; Diez Pardos, Carmen; Eckerlin, Guenter; Eckstein, Doris; Flossdorf, Alexander; Flucke, Gero; Geiser, Achim; Goettlicher, Peter; Gunnellini, Paolo; Habib, Shiraz; Hauk, Johannes; Jung, Hannes; Kasemann, Matthias; Katsas, Panagiotis; Kleinwort, Claus; Kluge, Hannelies; Lange, Wolfgang; Leonard, Jessica; Lewendel, Birgit; Lohmann, Wolfgang; Lutz, Benjamin; Mankel, Rainer; Marfin, Ihar; Marienfeld, Markus; Melzer-Pellmann, Isabell-Alissandra; Meyer, Andreas Bernhard; Mnich, Joachim; Muhl, Carsten; Mussgiller, Andreas; Naumann-Emme, Sebastian; Novgorodova, Olga; Nowak, Friederike; Ntomari, Eleni; Olzem, Jan; Parenti, Andrea; Perrey, Hanno; Petrukhin, Alexey; Pitzl, Daniel; Raspereza, Alexei; Riedl, Caroline; Ron, Elias; Rosemann, Christoph; Rosin, Michele; Salfeld-Nebgen, Jakob; Schmidt, Ringo; Schoerner-Sadenius, Thomas; Sen, Niladri; Stein, Matthias; Tomaszewska, Justyna; Volyanskyy, Dmytro; Walsh, Roberval; Wissing, Christoph; Youngman, Christopher; Asin, Ivan; Bartosik, Nazar; Dooling, Samantha; Dorland, Tyler; Eichhorn, Thomas; Garay Garcia, Jasone; Hellwig, Gregor; Hempel, Maria; Horton, Dean; Kieseler, Jan; Krücker, Dirk; Krämer, Mira; Lipka, Katerina; Placakyte, Ringaile; Ribeiro Cipriano, Pedro M.; Sahin, Mehmet Özgür; Saxena, Pooja; Schröder, Matthias; Vargas Trevino, Andrea Del Rocio

### Gent U.

Adler, Volker; Beernaert, Kelly; Benucci, Leonardo; Cimmino, Anna; Costantini, Silvia; Garcia, Guillaume; Klein, Benjamin; Mccartin, Joseph; Ocampo Rios, Alberto Andres; Ryckbosch, Dirk; Sigamani, Michael; Strobbe, Nadja; Thyssen, Filip; Tytgat, Michael; Walsh, Sinead; Yazgan, Efe; Zaganidis,

Nicolas; Crucy, Shannon; Dildick, Sven; Lellouch, Jérémie; Salva Diblen, Sinem

#### Louvain U.

Basegmez, Suzan; Bruno, Giacomo; Castello, Roberto; Ceard, Ludivine; Cortina Gil, Eduardo; De Favereau De Jeneret, Jerome; Delaere, Christophe; Demin, Pavel; Du Pree, Tristan; Favart, Denis; Forthomme, Laurent; Giammanco, Andrea; Hollar, Jonathan; Lemaitre, Vincent; Liao, Junhui; Militaru, Otilia; Nuttens, Claude; Ovyn, Severine; Pagano, Davide; Pin, Arnaud; Piotrzkowski, Krzysztof; Popov, Andrey; Quertenmont, Loic; Schul, Nicolas; Selvaggi, Michele; Vidal Marono, Miguel; Vizan Garcia, Jesus Manuel; Beluffi, Camille; Caudron, Adrien; Da Silveira, Gustavo Gil; Jez, Pavel; Komm, Matthias; Grégoire, Ghislain

### IPM, Tehran

Jafari, Abideh; Ardalan, Farhad; Arfaei, Hessamaddin; Bakhshiansohi, Hamed; Etesami, Seyed Mohsen; Fahim, Ali; Hashemi, Majid; Hesari, Hoda; Khakzad, Mohsen; Mohammadi Najafabadi, Mojtaba; Paktinat Mehdiabadi, Saeid; Safarzadeh, Batool; Zeinali, Maryam; Behnamian, Hadi; Naseri, Mohsen

### **U. Mons**

Beliy, Nikita; Caebergs, Thierry; Daubie, Evelyne; Hammad, Gregory Habib

### Rio de Janeiro, CBPF

Alves, Gilvan; Brito, Lucas; Correa Martins Junior, Marcos; Dos Reis Martins, Thiago; Pol, Maria Elena; Henrique Gomes E Souza, Moacyr

### Rio de Janeiro State U.

Carvalho, Wagner; Da Costa, Eliza Melo; De Jesus Damiao, Dilson; De Oliveira Martins, Carley; Fonseca De Souza, Sandro; Malbouisson, Helena; Matos Figueiredo, Diego; Mundim, Luiz; Nogima, Helio; Oguri, Vitor; Prado Da Silva, Wanda Lucia; Santaolalla, Javier; Santoro, Alberto; Silva Do Amaral, Sheila Mara; Soares Jorge, Luana; Sznajder, Andre; Torres Da Silva De Araujo, Felipe; Vilela Pereira, Antonio; Malek, Magdalena; Aldá Júnior, Walter Luiz; Chinellato, Jose; Custódio, Analu; Tonelli Manganote, Edmilson José

#### Sao Paulo, IFT

Souza Dos Anjos, Tiago; Bernardes, Cesar Augusto; De Almeida Dias, Flavia; Tomei, Thiago; De Moraes Gregores, Eduardo; Iope, Rogerio Luiz; Lagana, Caio; Lietti, Sergio M; Da Cunha Marinho, Franciole; Padula, Sandra; Mercadante, Pedro G.; Novaes, Sergio F.

### Sofiya, Inst. Nucl. Res.

Darmenov, Nikolay; Dimitrov, Lubomir; Genchev, Vladimir; Iaydjiev, Plamen; Marinov, Andrey; Piperov, Stefan; Rodozov, Mircho; Stoykova, Stefka; Sultanov, Georgi; Tcholakov, Vanio; Trayanov, Rumen; Vankov, Ivan; Vutova, Mariana

### Sofiya U.

Hadjiiska, Roumyana; Dimitrov, Anton; Dyulendarova, Milena; Glushkov, Ivan; Kozhuharov, Venelin; Litov, Leander; Marinova, Evelina; Mateev, Matey; Pavlov, Borislav; Petkov, Peicho; Karadzhinova, Aneliya

### Beijing, Inst. High Energy Phys.

Bian, Jian-Guo; Chen, Guo-Ming; Chen, He-Sheng; Chen, Mingshui; He, Kang-Lin; Jiang, Chun-Hua; Li, Wei-Guo; Liang, Dong; Liang, Song; Meng, Xiangwei; Plestina, Roko; Sun, Gongxing; Sun, Han-Sheng; Tao, Junquan; Wang, Xianyou; Wang, Zheng; Xu, Ming; Yang, Min; Zang, Jingjing; Zhang, Xiaomei; Zhang, Zhen; Zhang, Zhenxia; Zhao, Wei-Ren; Zhu, Zian; Wang, Jian; Du, Ran

# INFN, Perugia

Romeo, Francesco; Biasini, Maurizio; Bilei, Gian Mario; Caponeri, Benedetta; Lariccia, Paolo; Lucaroni, Andrea; Mantovani, Giancarlo; Menichelli, Mauro; Nappi, Aniello; Passeri, Daniele; Placidi, Pisana; Saha, Anirban; Santocchia, Attilio; Servoli, Leonello; Spiezia, Aniello; Valdata, Marisa; Fanò, Livio

### Peking U.

Asawatangtrakuldee, Chayanit; Ban, Yong; Cai, Jianxin; Guo, Shuang; Guo, Yifei; Li, Wenbo; Liu, Hong-Tao; Liu, Shuai; Mao, Yajun; Qian, Si-Jin; Teng, Haiyun; Wang, Dayong; Wang, Siguang; Ye, Yan-Lin; Zhang, Linlin; Zhu, Bo; Zou, Wei

### Andes U., Bogota

Avila, Carlos; Florez, Carlos; Gomez, Juan Pablo; Gomez Moreno, Bernardo; Osorio Oliveros, Andres Felipe; Sanabria, Juan Carlos; Chaparro Sierra, Luisa Fernanda; Cabrera, Andrés

#### Split Tech. U.

Godinovic, Nikola; Lelas, Damir; Lelas, Karlo; Polic, Dunja; Puljak, Ivica

# Split U.

Antunovic, Zeljko; Dzelalija, Mile; Kovac, Marko

# Boskovic Inst., Zagreb

Brigljevic, Vuko; Kadija, Kreso; Luetic, Jelena; Mekterovic, Darko; Morovic, Srecko; Tikvica, Lucija

### Cyprus U.

Attikis, Alexandros; Mavromanolakis, Georgios; Mousa, Jehad; Nicolaou, Charalambos; Ptochos, Fotios; Razis, Panos A.

### Charles U.

Finger, Miroslav; Bodlak, Martin; Finger Jr., Michael

#### Cairo, Acad. Sci. Res. Tech.

Aly, Ayman; Assran, Yasser; Awad, Adel; Elgammal, Sherif; Ellithi Kamel, Ali; Khalil, Shaaban; Mahmoud, Mohammed; Mahrous, Ayman; Radi, Amr; Kuotb Awad, Alaa Metwaly; Bakhet, Nady

### Aachen, Tech. Hochsch.

Calpas, Betty; Adolphi, Roman; Autermann, Christian; Beranek, Sarah; Bontenackels, Michael; Brauer, Richard; Braunschweig, Wolfgang; Edelhoff, Matthias; Feld, Lutz; Jussen, Ruediger; Karpinski, Waclaw; Klein, Katja; Merz, Jennifer; Ostapchuk, Andrey; Pandoulas, Demetrios; Raupach, Frank; Sammet, Jan; Schael, Stefan; Schmitz, Detlef; Schultz von Dratzig, Arndt; Siedling, Rolf; Sprenger, Daniel; Weber, Hendrik; Wittmer, Bruno; Wlochal, Michael; Zhukov, Valery; Ata, Metin; Bender, Walter; Biallass, Philipp; Caudron, Julien; Dietz-Laursonn, Erik; Duchardt, Deborah; Erdmann, Martin; Fischer, Robert; Frangenheim, Jens; Hebbeker, Thomas; Heidemann, Carsten; Hilgers, Guenter; Hoepfner, Kerstin; Hof, Carsten; Klimkovich, Tatsiana; Klingebiel, Dennis; Kreuzer, Peter; Lanske, Dankfried; Magass, Carsten; Merschmeyer, Markus; Meyer, Arnd; Olschewski, Mark; Papacz, Paul; Philipps, Barthel; Pieta, Holger; Reithler, Hans; Schmitz, Stefan Antonius; Sonnenschein, Lars; Sowa, Michael; Teyssier, Daniel; Tonutti, Manfred; Weber, Martin; Cherepanov, Vladimir; Davids, Martina; Duda, Markus; Erdogan, Yusuf; Geenen, Heiko; Geisler, Matthias; Haj Ahmad, Wael; Heydhausen, Dirk; Hoehle, Felix; Kargoll, Bastian; Kress, Thomas; Kuessel, Yvonne; Lingemann, Joschka; Linn, Alexander; Nowack, Andreas; Perchalla, Lars; Pooth, Oliver; Sauerland, Philip; Stahl, Achim; Thomas, Maarten; Tornier, Daiske; Zoeller, Marc Henning; Perieanu, Adrian; Hindrichs, Otto; Lübelsmeyer, Klaus; Güth, Andreas; Knutzen, Simon; Padeken, Klaas; Thüer, Sebastian; Flügge, Günter; Nugent, Ian Michael; Rennefeld, Jörg

#### NICPB, Tallinn

Hektor, Andi; Kadastik, Mario; Kannike, Kristjan; Raidal, Martti; Strumia, Alessandro; Tiko, Andres; Lomidze, David; Tsamalaidze, Zviad; Murumaa, Marion; Müntel, Mait; TBILISI-IHEPI

### Helsinki U.

Eerola, Paula; Voutilainen, Mikko; Fedi, Giacomo

## Helsinki Inst. of Phys.

Anttila, Erkki; Heikkinen, Mika Aatos; Katajisto, Harri Mikael; Kinnunen, Ritva; Lassila-Perini, Kati; Lehti, Sami; Luukka, Panja-Riina; Peltola, Timo; Tuominen, Eija; Tuominiemi, Jorma; Tuovinen, Esa; Ungaro, Donatella; Vanhala, Tommi Pekka; Wendland, Lauri; Härkönen, Jaakko; Karimäki, Veikko; Kortelainen, Matti J.; Lampén, Tapio; Lindén, Tomas; Mäenpää, Teppo; Kotamäki, Miikka

### Lappeenranta U. Tech.

Banzuzi, Kukka; Karjalainen, Ahti; Korpela, Arja; Tuuva, Tuure

#### IRFU, Saclay

Anfreville, Marc; Besancon, Marc; Dejardin, Marc; Denegri, Daniel; Fabbro, Bernard; Faure, Jean-Louis; Favaro, Carlotta; Ferri, Federico; Ganjour, Serguei; Givernaud, Alain; Gras, Philippe; Hamel de Monchenault, Gautier; Jarry, Patrick; Lemaire, Marie-Claude; Locci, Elizabeth; Malcles, Julie; Mandjavidze, Irakli; Millischer, Laurent; Pansart, Jean-Pierre; Rander, John; Reymond, Jean-Marc; Titov, Maksym; Verrecchia, Patrice; Nayak, Aruna; Couderc, Fabrice; Rosowsky, André; Gentit, François-Xavier; Kircher, François

### Strasbourg, IPHC

Agram, Jean-Laurent; Andrea, Jeremy; Basso, Lorenzo; Bloch, Daniel; Bodin, David; Brom, Jean-Marie; Chabert, Eric Christian; Collard, Caroline; Conte, Eric; Fontaine, Jean-Charles; Goerlach, Ulrich; Goetzmann, Christophe; Greder, Sebastien; Juillot, Pierre; Karim, Mehdi; Le Bihan, Anne-Catherine; Mikami, Yoshinari; Van Hove, Pierre; Aubin, Alexandre; Drouhin, Frédéric; Gelé, Denis; Serret, Guillaume

#### undefined

Besson, Auguste; Gross, Laurent; Huss, Daniel; Kieffer, Eric; Patois, Yannick

### CC, Villeurbanne

Boutigny, Dominique; Fassi, Farida; Mercier, Damien; Gadrat, Sébastien

### Lyon, IPN

Baty, Clement; Baulieu, Guillaume; Beauceron, Stephanie; Beaupere, Nicolas; Bedjidian, Marc; Boudoul, Gaelle; Boumediene, Djamel; Carrillo Montoya, Camilo Andres; Chasserat, Julien; Chierici, Roberto; Combaret, Christophe; Contardo, Didier; Depasse, Pierre; El Mamouni, Houmani; Falkiewicz, Anna; Fay, Jean; Gascon, Susan; Gouzevitch, Maxime; Haroutunian, Roger; Ille, Bernard; Kurca, Tibor; Le Grand, Thomas; Lethuillier, Morgan; Lumb, Nicholas; Mirabito, Laurent; Perries, Stephane; Sgandurra, Louis; Sordini, Viola; Tschudi, Yohann; Vander Donckt, Muriel; Verdier, Patrice; Xiao, Hong; Brochet, Sébastien; Fan, Jiawei; Ruiz Alvarez, José David; Viret, Sébastien; Giraud, Noël; Mathez, Hervé

## **CERN**

Bernet, Colin; Giffels, Manuel; Sharma, Archana; Santanastasio, Francesco; Palencia Cortezon, Enrique; Abbaneo, Duccio; Aspell, Paul; Auffray, Etiennette; Auzinger, Georg; Bachtis, Michail; Baechler, Joachim; Baillon, Paul; Ball, Austin; Barney, David; Benaglia, Andrea; Bendavid, Joshua; Benhabib, Lamia; Bialas, Wojciech; Bianchi, Giovanni; Bloch, Philippe; Bocci, Andrea; Bona, Marcella; Bonato, Alessio; Bondu, Olivier; Botta, Cristina; Breuker, Horst; Campi, Domenico; Camporesi, Tiziano; Cano, Eric; Cerminara, Gianluca; Charkiewicz, Andrzej; Christiansen, Tim; Coarasa Perez, Jose Antonio; Colafranceschi, Stefano; D'Alfonso, Mariarosaria; D'Enterria, David; Dabrowski, Anne; Daguin, Jerome; David Tinoco Mendes, Andre; De Guio, Federico; De Roeck, Albert; De Visscher, Simon; Dobson, Marc; Dupont-Sagorin, Niels; Elliott-Peisert, Anna; Eppard, Michael; Franzoni, Giovanni; Frisch, Benjamin; Funk, Wolfgang; Gaddi, Andrea; Gastal, Martin; Georgiou, Georgios; Gerwig, Hubert; Gigi, Dominique; Gill, Karl; Giordano, Domenico; Girone, Maria; Giunta, Marina; Glege, Frank; Gomez-Reino Garrido, Robert; Guida, Roberto; Gundacker, Stefan; Gutleber, Johannes; Hammer, Josef; Hansen, Magnus; Harris, Philip; Harvey, John; Hegeman, Jeroen; Hegner, Benedikt; Hoffmann, Hans Falk; Honma, Alan; Innocente, Vincenzo;

Janot, Patrick; Kloukinas, Kostas; Knapitsch, Arno; Kousouris, Konstantinos; Krajczar, Krisztian; Lecoq, Paul; Loos, Robert; Lourenco, Carlos; Macpherson, Alick; Magini, Nicolo; Maki, Tuula; Malgeri, Luca; Mannelli, Marcello; Marchioro, Alessandro; Masetti, Lorenzo; Meijers, Frans; Mersi, Stefano; Meschi, Emilio; Moneta, Lorenzo; Moortgat, Filip; Moser, Roland; Mulders, Martijn; Nesvold, Erik; Onnela, Antti; Orsini, Luciano; Osborne, John Andrew; Pape, Luc; Perez, Emmanuelle; Petagna, Paolo; Petrilli, Achille; Petrucci, Andrea; Petrucciani, Giovanni; Pfeiffer, Andreas; Piparo, Danilo; Postema, Hans; Racz, Attila; Reece, William; Ricci, Daniel; Rolandi, Gigi; Rommerskirchen, Tanja; Rovere, Marco; Ryjov, Vladimir; Sakulin, Hannes; Samyn, Dirk; Schwick, Christoph; Sciaba, Andrea; Segoni, Ilaria; Siegrist, Patrice; Silva, Pedro; Simon, Michal; Sphicas, Paraskevas; Spiga, Daniele; Steggemann, Jan; Stieger, Benjamin; Stoye, Markus; Taylor, Bruce G; Treille, Daniel; Tropea, Paola; Troska, Jan; Tsirou, Andromachi; Veillet, Lucien; Veres, Gabor Istvan; Vichoudis, Paschalis; Wertelaers, Piet; Zeuner, Wolfram Dietrich; Musella, Pasquale; Perrozzi, Luca; Gao, Zhengwei; Sekmen, Sezen; Pierini, Maurizio; Vlimant, Jean-Roch; Gowdy, Stephen; Crotty, Ian; Lusin, Sergei; Maurisset, Aurelie; Benitez, Jose F.; Eugster, Jürg; Karavakis, Edward; Pimiä, Martti; Plagge, Michael; Schäfer, Christoph; Wöhri, Hermine Katharina; Curé, Benoît; Marques Pinho Noite, João; Vasey, François

### Tbilisi, Inst. Phys.

Megrelidze, Luka; Roinishvili, Vladimir; Rurua, Lali

### Tbilisi State U.

Amaglobeli, Nodar; Bagaturia, Iuri; Chiladze, Badri; Kvatadze, Ramazi; Shanidze, Revaz; Sakhelashvili, Tariel

#### Boston U.

Heister, Arno; Avetisyan, Aram; Bose, Tulika; Carrera Jarrin, Edgar; Fantasia, Cory; Hazen, Eric; Lawson, Philip; Lazic, Dragoslav; Rohlf, James; Sulak, Lawrence; Varela Rodriguez, Fernando; Wu, Shouxiang; Sperka, David; Richardson, Clint; St. John, Jason

### Hamburg U.

Aldaya Martin, Maria; Blobel, Volker; Bobrovskyi, Sergei; Draeger, Jula; Enderle, Holger; Erfle, Joachim; Gebbert, Ulla; Hermanns, Thomas; Kaschube, Kolja; Kaussen, Gordon; Kirschenmann, Henning; Klanner, Robert; Mura, Benedikt; Ott, Jochen; Peiffer, Thomas; Pietsch, Niklas; Rathjens, Denis; Sander, Christian; Schettler, Hannes; Schleper, Peter; Schlieckau, Eike; Schmidt, Alexander; Schum, Torben; Schwandt, Joern; Seidel, Markus; Sola, Valentina; Stadie, Hartmut; Thomsen, Jan; Troendle, Daniel; Vanelderen, Lukas; Centis Vignali, Matteo; Garutti, Erika; Goebel, Kristin; Gosselink, Martijn; Görner, Martin; Haller, Johannes; Höing, Rebekka Sophie; Kogler, Roman; Lange, Jörn; Lapsien, Tobias; Lenz, Teresa; Marchesini, Ivan; Sibille, Jennifer; Steinbrück, Georg; Usai, Emanuele

#### Rutgers U., Piscataway

Seitz, Claudia; Rekovic, Vladimir; Arora, Sanjay; Atramentov, Oleksiy; Barker, Anthony; Chou, John Paul; Contreras-Campana, Christian; Contreras-Campana, Emmanuel; Duggan, Daniel; Ferencek, Dinko; Gershtein, Yuri; Gray, Richard; Halkiadakis, Eva; Hidas, Dean; Lath, Amitabh; Panwalkar, Shruti; Park, Michael; Patel, Rishi; Richards, Alan; Robles, Jorge; Salur, Sevil; Schnetzer, Steve; Somalwar, Sunil; Stone, Robert; Thomas, Scott; Thomassen, Peter; Walker, Matthew

### KIT, Karlsruhe, EKP

Barth, Christian; Bauer, Julia; Berger, Joram; Buege, Volker; Butz, Erik; Chen, Zheng-Yu; Chowdhury, Shantanu; Chwalek, Thorsten; Daeuwel, Daniel; De Boer, Wim; Descroix, Alexis; Dierlamm, Alexander; Dirkes, Guido; Fahrer, Manuel; Feindt, Michael; Felzmann, Ulrich; Frey, Martin; Furgeri, Alexander; Gebauer, Iris; Gessler, Andreas; Gruschke, Jasmin; Hackstein, Christoph; Hartmann, Frank; Hauler, Florian; Hauth, Thomas; Heier, Stefan; Heindl, Stefan Michael; Heinrich, Michael; Heiss, Andreas; Held, Hauke; Hoffmann, Karl-Heinz; Honc, Simon; Husemann, Ulrich; Imhof, Markus; Jung, Christopher; Junghans, Sascha; Katkov, Igor; Kerzel, Ulrich; Knoblauch, Dieter; Kuhr, Thomas; Liamsuwan, Thiansin; Lobelle Pardo, Patricia; Martschei, Daniel; Menchikov, Alexandre; Mol, Xavier; Mozer, Matthias Ulrich; Mueller, Steffen; Neuberger, Dirk; Neuland, Maike Brigitte; Niegel, Martin; Oberst, Oliver; Oehler, Andreas; Ortega Gomez, Tino; Piasecki, Christian; Poschlad, Angela; Quast, Gunter; Rabbertz, Klaus; Renz, Manuel; Roederer, Frank; Sabellek, Andreas; Saout, Christophe; Scheurer, Armin; Schieferdecker, Dennis; Schieferdecker, Philipp; Schilling, Frank-Peter; Schmanau, Mike; Schott, Gregory; Schwerdtfeger, Wolfgang; Skiba, Alexander; Stober, Fred-Markus Helmut; Theel, Andreas; Trunov, Artem; Ulrich, Ralf; Wagner-Kuhr, Jeannine; Wayand, Stefan; Weber, Markus; Weiler, Thomas; Wolf, Roger; Zeise, Manuel; Ziebarth, Eva Barbara; Kuznetsova, Ekaterina; Guthoff, Moritz; Grynyov, Boris; Ratnikov, Fedor; Zvada, Marian; Baus, Colin; Böser, Christian; Kornmayer, Andreas; Müller, Thomas; Nürnberg, Andreas; Röcker, Steffen; Simonis, Hans-Jürgen; Blüm, Peter; Kräber, Michael; Mörmann, Dirk; Thümmel, Wolf Hagen; KHARKOV

### Imperial Coll., London

Gilbert, Andrew; Marrouche, Jad; Wardle, Nicholas; Bainbridge, Robert; Ball, Gordon; Ballin, Jamie; Bauer, Daniela; Beuselinck, Raymond; Buchmuller, Oliver; Colling, David; Cripps, Nicholas; Cutajar, Michael; Dauncey, Paul; Davies, Gavin; Della Negra, Michel; Ferguson, William; Fulcher, Jonathan; Futyan, David; Guneratne Bryer, Arlo; Hall, Geoffrey; Hatherell, Zoe; Hays, Jonathan; Iles, Gregory; Jarvis, Martyn; Karapostoli, Georgia; Kenzie, Matthew; Leaver, James; Lyons, Louis; Magnan, Anne-Marie; Mathias, Bryn; Miller, Derek George; Nandi, Robin; Nash, Jordan; Nikitenko, Alexander; Papageorgiou, Anastasios; Pela, Joao; Pesaresi, Mark; Petridis, Konstantinos; Pioppi, Michele; Rand, Duncan; Raymond, David Mark; Rogerson, Samuel; Rompotis, Nikolaos; Rose, Andrew; Ryan, Matthew John; Seez, Christopher; Sharp, Peter; Sparrow, Alex; Tapper, Alexander; Timlin, Claire; Tourneur, Stephane; Vazquez Acosta, Monica; Virdee, Tejinder; Wakefield, Stuart; Wardrope, David; Whyntie, Tom; Wingham, Matthew; Zorba, Osman; Baber, Mark; Burton, Darren; Dunne, Patrick; Lane, Rebecca; Lucas, Robyn; MacEvoy, Barry C.; Fayer, Simon

### Democritos Nucl. Res. Ctr.

Anagnostou, Georgios; Daskalakis, Georgios; Geralis, Theodoros; Karafasoulis, Konstantinos; Kyriakis, Aristotelis; Loukas, Demetrios; Manolakos, Ioannis; Markou, Athanasios; Markou, Christos; Mavrommatis, Charalampos; Kesisoglou, Stilianos; Giakoumopoulou, Viktoria Athina; Psallidas, Andreas; Topsis-Giotis, Iasonas

### Athens U.

Mertzimekis, Theodoros; Panagiotou, Apostolos; Saoulidou, Niki; Stiliaris, Efstathios; Gouskos, Loukas

#### Ioannina U.

Evangelou, Ioannis; Foudas, Costas; Kokkas, Panagiotis; Manthos, Nikolaos; Papadopoulos, Ioannis; Patras, Vaios; Jones, John; Aslanoglou, Xenofon; Flouris, Giannis; Paradas, Evangelos; Triantis, Frixos A.

## **Budapest**, RMKI

Aranyi, Attila; Bencze, Gyorgy; Boldizsar, Laszlo; Hajdu, Csaba; Horvath, Dezso; Kapusi, Anita; Radics, Balint; Sikler, Ferenc; Veszpremi, Viktor; Vesztergombi, Gyorgy; Zalan, Peter; Hidas, Pàl; Zsigmond, Anna Julia

#### Debrecen, Inst. Nucl. Res.

Beni, Noemi; Czellar, Sandor; Fenyvesi, Andras; Molnar, Jozsef; Palinkas, Jozsef; Szillasi, Zoltan; Karancsi, János

#### Kossuth Lajos U., Debrecen

Raics, Peter; Trocsanyi, Zoltan Laszlo; Ujvari, Balazs; Zilizi, Gyula

#### Panjab U.

Beri, Suman Bala; Bhandari, Virender; Bhatnagar, Vipin; Gupta, Ruchi; Kaur, Manjit; Kohli, Jatinder Mohan; Mehta, Manuk Zubin; Nishu, Nishu; Singh, Jasbir; Singh, Supreet Pal; Sharma, Archana; Dhingra, Nitish; Kalsi, Amandeep Kaur; Mittal, Monika

#### Delhi U.

Kumar, Ashok; Kumar, Arun; Ahuja, Sudha; Bhardwaj, Ashutosh; Chatterji, Sudeep; Gupta, Pooja; Malhotra, Shivali; Naimuddin, Md; Ranjan, Kirti; Sharma, Varun; Shivpuri, Ram Krishen; Choudhary, Brajesh C.; Kumar, Ajay

#### Saha Inst.

Banerjee, Sunanda; Bhattacharya, Satyaki; Dutta, Suchandra; Gomber, Bhawna; Jain, Sandhya; Jain, Shilpi; Khurana, Raman; Sarkar, Subir; Sharan, Manoj; Singh, Anil; Chatterjee, Kalyanmoy; Modak, Atanu; Mukherjee, Swagata; Roy, Debarati

#### Bhabha Atomic Res. Ctr.

Abdulsalam, Abdulla; Choudhury, Rajani Kant; Dutta, Dipanwita; Ghodgaonkar, Manohar; Kailas, Swaminathan; Kataria, Sushil Kumar; Kumar, Vineet; Mehta, Pourus; Mohanty, Ajit Kumar; Pant, Lalit Mohan; Shukla, Prashant; Topkar, Anita

#### Tata Inst.

Acharya, Bannaje Sripathi; Aziz, Tariq; Banerjee, Sudeshna; Bheesette, Satyanarayana; Chendvankar, Sanjay; Deshpande, Pandurang Vishnu; Dugad, Shashikant; Ganguli, Som N; Ganguly, Sanmay; Guchait, Monoranjan; Gurtu, Atul; Kalmani, Suresh Devendrappa; Krishnaswamy, Marthi Ramaswamy; Lakkireddi, Venkatesam Reddy; Maity, Manas; Majumder, Gobinda; Mathew, Thomas; Mazumdar, Kajari; Mohanty, Gagan Bihari; Mondal, Naba Kumar; Narasimham, Vemuri Syamala; Panyam, Nagaraj; Parida, Bibhuti; Patil, Mandakini Ravindra; Raghavan, R; Sudhakar, Katta; Verma, Piyush; Wickramage, Nadeesha; Chatterjee, Rajdeep Mohan; Ghosh, Saranya; Kole, Gouranga; Kumar, Sanjeev; Dewanjee, Ram Krishna

### **UCLA**

Felcini, Marta; Andreev, Valeri; Arisaka, Katsushi; Cline, David; Cousins, Robert; Duris, Joseph; Erhan, Samim; Everaerts, Pieter; Farrell, Chris; Hauser, Jay; Ignatenko, Mikhail; Jarvis, Chad; Kubic, Jonathan; Otwinowski, Stanislaw; Plager, Charles; Rakness, Gregory; Schlein, Peter; Valuev, Vyacheslav; Weber, Matthias; Yang, Xiaofeng; Zheng, Yangheng; Takasugi, Eric; Xi, Yunfeng

### University Coll., Dublin

Grunewald, Martin

### INFN, Bari

Abbrescia, Marcello; Barbone, Lucia; Calabria, Cesare; Chhibra, Simranjit Singh; Colaleo, Anna; Creanza, Donato; De Filippis, Nicola; De Palma, Mauro; De Robertis, Giuseppe; Donvito, Giacinto; Fiore, Luigi; Iaselli, Giuseppe; Loddo, Flavio; Maggi, Giorgio; Maggi, Marcello; Manna, Norman; Marangelli, Bartolomeo; My, Salvatore; Natali, Sergio; Nuzzo, Salvatore; Pacifico, Nicola; Pompili, Alexis; Pugliese, Gabriella; Ranieri, Antonio; Romano, Francesco; Roselli, Giuseppe; Selvaggi, Giovanna; Silvestris, Lucia; Spinoso, Vincenzo; Trentadue, Raffaello; Venditti, Rosamaria; Verwilligen, Piet; Zito, Giuseppe; Singh, Gurpreet; Radogna, Raffaella

# INFN, Bologna

Abbiendi, Giovanni; Benvenuti, Alberto; Bonacorsi, Daniele; Braibant-Giacomelli, Sylvie; Brigliadori, Luca; Capiluppi, Paolo; Castro, Andrea; Cavallo, Francesca Romana; Codispoti, Giuseppe; Cuffiani, Marco; Dallavalle, Gaetano-Marco; Fabbri, Fabrizio; Fanfani, Alessandra; Fasanella, Daniele; Giacomelli, Paolo; Grandi, Claudio; Guiducci, Luigi; Marcellini, Stefano; Masetti, Gianni; Meneghelli, Marco; Montanari, Alessandro; Navarria, Francesco; Odorici, Fabrizio; Perrotta, Andrea; Primavera, Federica; Rossi, Antonio; Rovelli, Tiziano; Siroli, Gian Piero; Travaglini, Riccardo; Campanini, Renato; Tosi, Nicolò

### INFN, Catania

Albergo, Sebastiano; Cappello, Gigi; Chiorboli, Massimiliano; Costa, Salvatore; Giordano, Ferdinando; Noto, Francesco; Potenza, Renato; Saizu, Mirela Angela; Tricomi, Alessia; Tuve, Cristina

#### INFN, Florence

Barbagli, Giuseppe; Ciulli, Vitaliano; Civinini, Carlo; D'Alessandro, Raffaello; Focardi, Ettore; Frosali, Simone; Gallo, Elisabetta; Genta, Chiara; Gonzi, Sandro; Lenzi, Piergiulio; Meschini, Marco; Paoletti, Simone; Parrini, Giuliano; Sguazzoni, Giacomo; Tropiano, Antonio; Gori, Valentina

# UC, San Diego

Ranieri, Riccardo; Andrews, Warren; Cerati, Giuseppe Benedetto; Cittolin, Sergio; D'Agnolo, Raffaele Tito; Evans, David; Kelley, Ryan; Kovalskyi, Dmytro; Lebourgeois, Matthew; Letts, James; Macneill, Ian; Martin, Terrence; Mrak-Tadel, Alja; Muelmenstaedt, Johannes; Padhi, Sanjay; Palmer, Christopher; Pi, Haifeng; Pieri, Marco; Sani, Matteo; Sfiligoi, Igor; Sharma, Vivek; Simon, Sean; Sudano, Elizabeth; Tadel, Matevz; Tu, Yanjun; Vartak,

Adish; Wasserbaech, Steven; Yagil, Avraham; Yoo, Jaehyeok; Branson, James G.; Holzner, André; Würthwein, Frank

#### Frascati

Benussi, Luigi; Bianco, Stefano; Fabbri, Franco; Piccolo, Davide

#### INFN, Genoa

Fabbricatore, Pasquale; Farinon, Stefania; Greco, Michela; Musenich, Riccardo; Tosi, Silvano; Ferro, Fabrizio; Lo Vetere, Maurizio; Robutti, Enrico; Ferretti, Roberta

### INFN, Milan Bicocca

Carbone, Luca; D'Angelo, Pasqualino; Dinardo, Mauro Emanuele; Dini, Paolo; Farina, Fabio Mario; Fiorendi, Sara; Gennai, Simone; Ghezzi, Alessio; Govoni, Pietro; Malvezzi, Sandra; Manzoni, Riccardo Andrea; Martelli, Arabella; Menasce, Dario; Moroni, Luigi; Negri, Pietro; Paganoni, Marco; Pedrini, Daniele; Pullia, Antonino; Ragazzi, Stefano; Redaelli, Nicola; Sala, Silvano; Tabarelli de Fatis, Tommaso; Tancini, Valentina; Gerosa, Raffaele; Lucchini, Marco Toliman; Marzocchi, Badder

### INFN, Naples

Buontempo, Salvatore; Cavallo, Nicola; Di Guida, Salvatore; Dogangun, Oktay; Fabozzi, Francesco; Iorio, Alberto Orso Maria; Lista, Luca; Meola, Sabino; Merola, Mario; Noli, Pasquale; Paolucci, Pierluigi

#### INFN, Padua

Azzi, Patrizia; Bacchetta, Nicola; Bellan, Paolo; Bellato, Marco; Benettoni, Massimo; Biasotto, Massimo; Bisello, Dario; Branca, Antonio; Carlin, Roberto; Checchia, Paolo; Dorigo, Tommaso; Dosselli, Umberto; Fanzago, Federica; Galanti, Mario; Gasparini, Fabrizio; Gasparini, Ugo; Giubilato, Piero; Gonella, Franco; Gozzelino, Andrea; Kanishchev, Konstantin; Lacaprara, Stefano; Lazzizzera, Ignazio; Loreti, Maurizio; Margoni, Martino; Mazzucato, Mirco; Meneguzzo, Anna Teresa; Montecassiano, Fabio; Nespolo, Massimo; Passaseo, Marina; Pazzini, Jacopo; Pegoraro, Matteo; Pozzobon, Nicola; Ronchese, Paolo; Simonetto, Franco; Torassa, Ezio; Tosi, Mia; Vanini, Sara; Ventura, Sandro; Zotto, Pierluigi; Zumerle, Gianni; Kaminskiy, Alexandre; Zucchetta, Alberto

### INFN, Legnaro

Gulmini, Michele; Maron, Gaetano

### INFN, Pavia

Baesso, Paolo; Berzano, Umberto; Gabusi, Michele; Riccardi, Cristina; Torre, Paola; Vitulo, Paolo; Viviani, Claudio; Ratti, Sergio P.; Salvini, Paola

#### INFN, Pisa

Angelini, Franco; Arezzini, Silvia; Azzurri, Paolo; Bagliesi, Giuseppe; Basti, Andrea; Bellazzini, Ronaldo; Bernardini, Jacopo; Boccali, Tommaso; Bosi, Filippo; Brez, Alessandro; Broccolo, Giuseppe; Calzolari, Federico; Carboni, Andrea; Castaldi, Rino; Cerri, Claudio; Ciampa, Alberto; Dell'Orso, Roberto; Fiori, Francesco; Giassi, Alessandro; Giusti, Simone; Kraan, Aafke; Latronico, Luca; Ligabue, Franco; Linari, Stefano; Lomtadze, Teimuraz; Martini, Luca; Massa, Maurizio; Massai, Marco Maria; Mazzoni, Enrico; Messineo, Alberto; Moggi, Andrea; Palla, Fabrizio; Raffaelli, Fabrizio; Rizzi, Andrea; Sanguinetti, Giulio; Segneri, Gabriele; Serban, Alin Titus; Spagnolo, Paolo; Spandre, Gloria; Squillacioti, Paola; Tenchini, Roberto; Tonelli, Guido; Venturi, Andrea; Verdini, Piero Giorgio; Androsov, Konstantin; Ciocci, Maria Agnese; Donato, Silvio; Foà, Lorenzo; Grippo, Maria Teresa; Moon, Chang-Seong; Savoy-Navarro, Aurore; Vernieri, Caterina

### UC, Santa Barbara

Magazzu, Guido; Barge, Derek; Campagnari, Claudio; Danielson, Thomas; Flowers, Kristen; Geffert, Paul; George, Christopher; Golf, Frank; Incandela, Joe; Justus, Christopher; Kalavase, Puneeth; Kyre, Susanne; Mccoll, Nickolas; Mullin, Sam Daniel; Pavlunin, Viktor; Ribnik, Jacob; Richman, Jeffrey; Rossin, Roberto; Stuart, David; To, Wing; West, Christopher; White, Dean; Bradmiller-Feld, John; Dishaw, Adam; Franco Sevilla, Manuel; Magaña Villalba, Ricardo

#### ENEA, Casaccia

Baccaro, Stefania

# INFN, Rome

Barone, Luciano; Bartoloni, Alessandro; Cavallari, Francesca; Dafinei, Ioan; Del Re, Daniele; Diemoz, Marcella; Fanelli, Cristiano; Franci, Daniele; Grassi, Marco; Jorda, Clara; Longo, Egidio; Meridiani, Paolo; Micheli, Francesco; Organtini, Giovanni; Palma, Alessandro; Paramatti, Riccardo; Rahatlou, Shahram; Rovelli, Chiara; Soffi, Livia; Talamo, Ivano Giuseppe; Traczyk, Piotr; Nourbakhsh, Shervin; Margaroli, Fabrizio; ROMA-INFN(None - INFN, Rome)

#### INFN, Turin

Amapane, Nicola; Arcidiacono, Roberta; Argiro, Stefano; Arneodo, Michele; Bellan, Riccardo; Biino, Cristina; Cartiglia, Nicolo; Casasso, Stefano; Costa, Marco; Demaria, Natale; Mariotti, Chiara; Maselli, Silvia; Migliore, Ernesto; Mila, Giorgia; Monaco, Vincenzo; Musich, Marco; Obertino, Maria Margherita; Pastrone, Nadia; Pelliccioni, Mario; Peroni, Cristiana; Potenza, Alberto; Romero, Alessandra; Ruspa, Marta; Sacchi, Roberto; Solano, Ada; Staiano, Amedeo; Degano, Alessandro; Finco, Linda; Ortona, Giacomo; Pacher, Luca; Pinna Angioni, Gian Luca; Tamponi, Umberto

### INFN, Trieste

Ambroglini, Filippo; Belforte, Stefano; Candelise, Vieri; Casarsa, Massimo; Cossutti, Fabio; Della Ricca, Giuseppe; Gobbo, Benigno; Kavka, Carlos; Marone, Matteo; Montanino, Damiana; Schizzi, Andrea; La Licata, Chiara; Umer, Tomo; Zanetti, Anna

#### Kangweon Natl. U.

Chang, Sunghyun; Heo, Seong Gu; Kim, Tae Yeon; Nam, Soon-Kwon

### CHEP, Taegu

Chung, Jin Hyuk; Ham, Seung Woo; Han, Daehee; Kang, Juheon; Kim, Dong Hee; Kim, Gui Nyun; Kim, Ji Eun; Kim, Kyung Sook; Kim, Min Suk; Kong, Dae Jung; Lee, Man Woo; Oh, Young Do; Park, Hyangkyu; Ro, Sang-Ryul; Sakharov, Alexandre; Son, Dohhee; Son, Dong-Chul; Son, Taejin; Suh, Jun Suhk; Lee, Sangeun; Butanov, Khakimjan; Yang, Yu Chul; Yusupov, Hammid

### Chonnam Natl. U.

Kim, Jae Yool; Kim, Zero Jaeho; Song, Sanghyeon

### Illinois U., Chicago

Moon, Dong Ho; Adams, Mark Raymond; Anghel, Ioana Maria; Apanasevich, Leonard; Bai, Yuting; Bazterra, Victor Eduardo; Betts, Russell Richard; Bucinskaite, Inga; Callner, Jeremy; Cavanaugh, Richard; Chung, Man-Ho; Evdokimov, Olga; Garcia-Solis, Edmundo Javier; Gauthier, Lucie; Gerber, Cecilia Elena; Hamdan, Saleh; Hofman, David Jonathan; Hollis, Richard; Iordanova, Aneta; Khalatyan, Samvel; Kurt, Pelin; O'Brien, Christine; Silkworth, Christopher; Silvestre, Catherine; Smoron, Agata; Turner, Paul; Varelas, Nikos; Kunde, Gerd J.

### Konkuk U.

Jo, Hyun Yong

#### Korea U.

Choi, Suyong; Gyun, Dooyeon; Hong, Byung-Sik; Jeong, Min-Soo; Jo, Mihee; Jo, Youngkwon; Kang, Minho; Kim, Hyunchul; Kim, Yongsun; Lee, Byounghoon; Lee, Kyong Sei; Park, Sung Keun; Rhee, Han-Bum; Roh, Youn; Seo, Eunsung; Shin, Seungsu; Sim, Kwang Souk

#### Purdue U.

Yoo, Hwi Dong; Bolla, Gino; Merkel, Petra; Alagoz, Enver; Arndt, Kirk; Benedetti, Daniele; Bortoletto, Daniela; Bujak, Adam; De Mattia, Marco; Everett, Adam; Gutay, Laszlo; Hu, Zhen; Jones, Matthew; Koybasi, Ozhan; Kress, Matthew; Lee, Jik; Leonardo, Nuno; Liu, Chang; Lopes Pegna, David; Maroussov, Vassili; Miller, David Harry; Miyamoto, Jun; Neumeister, Norbert; Radburn-Smith, Benjamin Charles; Rott, Carsten; Roy, Amitava; Shipsey, Ian; Silvers, David; Svyatkovskiy, Alexey; Zablocki, Jakub; Zheng, Yu; Barnes, Virgil E.; Jha, Manoj; Jung, Kurt; Wang, Fuqiang; Xie, Wei; Xu, Lingshan; Laasanen, Alvin T.; Garfinkel, Arthur F.

### Seoul U.

Choi, Minkyoo; Hahn, Garam; Kang, Seokon; Kim, Hyunyong; Kim, Ji Hyun; Park, Chawon; Park, Inkyu; Park, Sangnam; Ryu, Geonmo

### Sungkyunkwan U.

Cho, Yongjin; Choi, Young-II; Choi, Young Kyu; Goh, Junghwan; Kwon, Eunhyang; Lee, Jongseok; Lee, Sungeun; Seo, Hyunkwan; Yu, Intae

#### Vilnius U.

Bilinskas, Mykolas Jurgis; Grigelionis, Ignas; Janulis, Mindaugas; Juodagalvis, Andrius; Martisiute, Dalia; Naujikas, Rolandas; Petrov, Pavel; Polujanskas, Mindaugas; Sabonis, Tomas

## Quaid-i-Azam U.

Ahmed, Ijaz; Ahmad, Muhammad; Ansari, Muhammad Hamid; Asghar, Muhammad Irfan; Butt, Jamila; Khalid, Shoaib; Khan, Wajid Ali; Khurshid, Taimoor; Oazi, Shamona; Shah, Mehar Ali; Shoaib, Muhammad; Ahmad, Ashfaq; Hassan, Qamar; Hoorani, Hafeez R.

### Malaya U.

Komaragiri, Jyothsna Rani

# San Luis Potosi U.

Casimiro Linares, Edgar; Morelos Pineda, Antonio; Reyes-Santos, Marco A.

### CINVESTAV, IPN

Castilla-Valdez, Heriberto; De La Cruz-Burelo, Eduard; Heredia-de La Cruz, Ivan; Lopez-Fernandez, Ricardo; Villasenor-Cendejas, Luis Manuel; Martínez-Ortega, Jorge; Sánchez Hernández, Alberto

#### Iberoamericana U.

Carrillo Moreno, Salvador; Vazquez Valencia, Fabiola

## Puebla U., Inst. Fis.

Salazar Ibarguen, Humberto Antonio

# Auckland U.

Allfrey, Philip; Krofcheck, David; Tam, Jason; Yiu, Chun Hin

### Canterbury U.

Bernardino Rodrigues, Nuno; Butler, Anthony Philip Howard; Doesburg, Robert; Pfeiffer, Dorothea; Reucroft, Steve; Silverwood, Hamish; Williams, Jennifer C; Butler, Philip H.

### NCBJ, Swierk

Bialkowska, Helena; Bluj, Michal; Frueboes, Tomasz; Gokieli, Ryszard; Goscilo, Lukasz; Kazana, Malgorzata; Kudla, Ignacy Maciek; Nawrocki, Krzysztof; Romanowska-Rybinska, Katarzyna; Szleper, Michal; Wrochna, Grzegorz; Zalewski, Piotr; Górski, Maciej; Boimska, Bozena

#### Warsaw U.

Brona, Grzegorz; Bunkowski, Karol; Cwiok, Mikolaj; Czyrkowski, Henryk; Dabrowski, Ryszard; Dominik, Wojciech; Doroba, Krzysztof; Kalinowski, Artur; Konecki, Marcin; Krolikowski, Jan; Oklinski, Wojciech; Zych, Pawel; Misiura, Maciej; Wolszczak, Weronika

### Warsaw U. of Tech.

Pozniak, Krzysztof; Zabolotny, Wojciech; Kasprowicz, Grzegorz; Romaniuk, Ryszard

### LIP, Lisbon

Alemany-Fernandez, Reyes; Almeida, Nuno; Bargassa, Pedrame; Faccioli, Pietro; Ferreira Parracho, Pedro Guilherme; Gallinaro, Michele; Ribeiro, Pedro Quinaz; Rodrigues Antunes, Joao; Seixas, Joao; Rasteiro Da Silva, Jose; Varela, Joao; Vischia, Pietro; Beirão Da Cruz E Silva, Cristóvão; Nguyen, Federico

### Oviedo U.

Lloret Iglesias, Lara; Brun, Hugues; Cuevas, Javier; Fernandez Menendez, Javier; Folgueras, Santiago; Gonzalez Caballero, Isidro

# Dubna, JINR

Afanasiev, Serguei; Belotelov, Ivan; Bunin, Pavel; Ershov, Yuri; Gavrilenko, Mikhail; Golunov, Alexander; Golutvin, Igor; Gorbounov, Nikolai; Gorbunov, Ilya; Gramenitski, Igor; Kalagin, Vladimir; Kamenev, Alexey; Karjavin, Vladimir; Konoplyanikov, Viktor; Korenkov, Vladimir; Kozlov, Guennady; Kurenkov, Alexander; Lanev, Alexander; Makankin, Alexander; Malakhov, Alexander; Matveev, Viktor; Melnitchenko, Igor; Mitsyn, Valeri Valentinovitch; Moisenz, Petr; Oleynik, Danila; Orlov, Alexander; Palichik, Vladimir; Perelygin, Victor; Petrosyan, Artem; Savina, Maria; Semenov, Roman; Shmatov, Sergey; Shulha, Siarhei; Skachkova, Anna; Skatchkov, Nikolai; Smetannikov, Vladimir; Smirnov, Vitaly; Smolin, Dmitry; Tikhonenko, Elena; Vasilyev, Sergey; Volodko, Anton; Zarubin, Anatoli; Zhiltsov, Victor; Andreev, Yuri; Anisimov, Alexander; Dermenev, Alexander; Gninenko, Sergei; Golubev, Nikolai; Gorbunov, Dmitry; Karneyeu, Anton; Kirsanov, Mikhail; Krasnikov, Nikolai; Pashenkov, Anatoli; Pivovarov, Grigory; Postoev, Vladimir E; Rubakov, Valery; Shirinyants, Valery; Solovey, Anatoly; Tlisov, Danila; Toropin, Alexander; Troitsky, Sergey

### St. Petersburg, INP

Evstyukhin, Sergey; Golovtsov, Victor; Ivanov, Yury; Kim, Victor; Levchenko, Petr; Murzin, Victor; Oreshkin, Vadim; Smirnov, Igor; Sulimov, Valentin; Uvarov, Lev; Vavilov, Sergey; Vorobyev, Alexey; Vorobyev, Andrey

#### Moscow, ITEP

Epshteyn, Vladimir; Erofeeva, Maria; Gavrilov, Vladimir; Kaftanov, Vitali; Kiselevich, Ivan; Kolosov, Victor; Konoplyannikov, Anatoly; Kozlov, Yury; Krokhotin, Andrey; Litvintsev, Dmitri; Lychkovskaya, Natalia; Oulianov, Alexei; Popov, Vladimir; Safronov, Grigory; Semenov, Sergey; Shreyber, Irina; Spiridonov, Alexander; Stepanov, Nikita; Stolin, Viatcheslav; Vlasov, Evgueni; Zaytsev, Valentin; Zhokin, Alexander; Kossov, Mikhail

### Lebedev Inst.

Andreev, Vladimir; Azarkin, Maksim; Dremin, Igor; Kirakosyan, Martin; Leonidov, Andrey; Mesyats, Gennady; Vinogradov, Alexey; Rusakov, Sergey V.

### Moscow State U.

Belyaev, Andrey; Boos, Edouard; Bunichev, Viacheslav; Demiyanov, Andrey; Dubinin, Mikhail; Dudko, Lev; Ershov, Alexander; Gribushin, Andrey; Ilyin, Viacheslav; Klyukhin, Vyacheslav; Kodolova, Olga; Korotkikh, Vladimir; Kryukov, Alexander; Lokhtin, Igor; Markina, Anastasia; Obraztsov, Stepan; Perfilov, Maxim; Petrushanko, Sergey; Proskuryakov, Alexander; Sarycheva, Ludmila; Savrin, Viktor; Snigirev, Alexander; Vardanyan, Irina

## Serpukhov, IHEP

Azhgirey, Igor; Bayshev, Igor; Bitioukov, Sergei; Grishin, Viatcheslav; Kachanov, Vassili; Kalinin, Alexey; Konstantinov, Dmitri; Korablev, Andrey; Krychkine, Victor; Levine, Andrey; Petrov, Vladimir; Ryabov, Alexander; Ryutin, Roman; Slabospitsky, Sergey; Sobol, Andrei; Talov, Vladimir; Tourtchanovitch, Leonid; Troshin, Sergey; Tyurin, Nikolay; Uzunian, Andrey; Volkov, Alexey

### VINCA Inst. Nucl. Sci., Belgrade

Adzic, Petar; Ekmedzic, Marko; Krpic, Dragomir; Milosevic, Jovan; Smiljkovic, Nebojsa; Zupan, Marko; Djordjevic, Milos

## Madrid, CIEMAT

Aguilar-Benitez, Manuel; Alcaraz Maestre, Juan; Arce, Pedro; Battilana, Carlo; Calvo, Enrique; Cerrada, Marcos; Chamizo Llatas, Maria; Colino, Nicanor; De La Cruz, Begona; Delgado Peris, Antonio; Fernandez Bedoya, Cristina; Ferrando, Antonio; Flix, Jose; Fouz, Maria Cruz; Garcia-Abia, Pablo; Gonzalez Lopez, Oscar; Goy Lopez, Silvia; Josa, Maria Isabel; Merino, Gonzalo; Puerta Pelayo, Jesus; Redondo, Ignacio; Romero, Luciano; Soares, Mara Senghi; Willmott, Carlos; Domínguez Vázquez, Daniel; Escalante Del Valle, Alberto; Fernández Ramos, Juan Pablo; Hernandez, Jose M.; Navarro De Martino, Eduardo; Pérez Calero Yzquierdo, Antonio María; Quintario Olmeda, Adrián

### Madrid, Autonoma U.

Albajar, Carmen; de Trocóniz, Jorge F; Missiroli, Marino

# Cantabria Inst. of Phys.

Brochero Cifuentes, Javier Andres; Cabrillo, Iban Jose; Calderon, Alicia; Chuang, Shan-Huei; Duarte Campderros, Jordi; Fernandez, Marcos; Gomez, Gervasio; Gonzalez Sanchez, Javier; Graziano, Alberto; Lopez Virto, Amparo; Marco, Jesus; Marco, Rafael; Martinez Rivero, Celso; Matorras, Francisco;

Munoz Sanchez, Francisca Javiela; Piedra Gomez, Jonatan; Rodrigo, Teresa; Ruiz-Jimeno, Alberto; Scodellaro, Luca; Sobron Sanudo, Mar; Vila, Ivan; Vilar Cortabitarte, Rocio; Rodríguez-Marrero, Ana Yaiza

### Caltech

Di Marco, Emanuele; Adamczyk, David; Apresyan, Artur; Barczyk, Artur; Bornheim, Adolf; Bunn, Julian; Chen, Yi; Denis, Gregory; Duarte, Javier; Galvez, Philippe; Gataullin, Marat; Kcira, Dorian; Legrand, Iosif; Litvine, Vladimir; Ma, Yousi; Maxa, Zdenek; Mott, Alexander; Mughal, Azher; Nae, Dan; Ravot, Sylvain; Rogan, Christopher; Rozsa, Sandor Gyula; Shevchenko, Sergey; Shin, Kyoungha; Spiropulu, Maria; Steenberg, Conrad; Thomas, Michael; Timciuc, Vladlen; van Lingen, Frank; Voicu, Bucoveanu-Ramiro; Wilkinson, Richard; Xie, Si; Zhang, Liyuan; Zhu, Kejun; Zhu, Ren-Yuan; Newman, Harvey B.; Pena, Cristian

#### Florida Inst. Tech.

Dorney, Brian; Hohlmann, Marcus; Kalakhety, Himali; Ralich, Robert; Vodopiyanov, Igor; Yumiceva, Francisco; Baarmand, Marc M.

### **PSI**, Villigen

Bertl, Willi; Deiters, Konrad; Erdmann, Wolfram; Feichtinger, Derek; Gabathuler, Kurt; Horisberger, Roland; Ingram, Quentin; Kaestli, Hans-Christian; Kotlinski, Danek; Langenegger, Urs; Meier, Beat; Renker, Dieter; Rohe, Tilman; Dambach, Sarah; Eggel, Christina; König, Stefan; Trüb, Peter

### Zurich, ETH

Behner, Frank; Betev, Botjo; Bianchini, Lorenzo; Blau, Bertrand; Buchmann, Marco-Andrea; Casal, Bruno; Chanon, Nicolas; Chen, Zhiling; Da Silva Di Calafiori, Diogo Raphael; Davatz, Giovanna; Deisher, Amanda; Dittmar, Michael; Djambazov, Lubomir; Freudenreich, Klaus; Grab, Christoph; Hintz, Wieland; Hits, Dmitry; Hofer, Hans; Holme, Oliver; Horvath, Istvan; Kasieczka, Gregor; Lecomte, Pierre; Lustermann, Werner; Mangano, Boris; Marchica, Carmelo; Marini, Andrea Carlo; Martinez Ruiz del Arbol, Pablo; Mohr, Niklas; Nef, Pascal; Nessi-Tedaldi, Francesca; Pandolfi, Francesco; Pauss, Felicitas; Peruzzi, Marco; Punz, Thomas; Rebane, Liis; Rossini, Marco; Sala, Leonardo; Sanchez, Ann - Karin; Sawley, Marie-Christine; Schinzel, Dietrich; Starodumov, Andrei; Suter, Henry; Takahashi, Maiko; Tauscher, Ludwig; Theofilatos, Konstantinos; Urscheler, Christina; Viertel, Gert; von Gunten, Hans Peter; Wallny, Rainer; Weber, Hannsjoerg Artur; Wehrli, Lukas; Weng, Joanna; Caminada, Lea; Ronga, Frederic Jean; Bortignon, Pierluigi; Bachmair, Felix; Bäni, Lukas; Dissertori, Günther; Donegà, Mauro; Dünser, Marc; Eller, Philipp; Meister, Daniel; Nägeli, Christoph; Quittnat, Milena; Fischer, David; Faber, Gérard; Röser, Ulf; Udriot, Stève

# Maryland U.

Marionneau, Matthieu; Baden, Drew; Bard, Robert; Boutemeur, Madjid; Calvert, Brian; Eno, Sarah Catherine; Gomez, Jaime; Grassi, Tullio; Hadley, Nicholas John; Kirn, Malina; Kolberg, Ted; Lu, Ying; Mignerey, Alice; Pedro, Kevin; Peterman, Alison; Rossato, Kenneth; Skuja, Andris; Temple, Jeffrey; Tonjes, Marguerite; Toole, Terrence; Twedt, Elizabeth; Kellogg, Richard G.; Tonwar, Suresh C.

#### Wisconsin U., Madison

Zelepoukine, Serguei; Anderson, Michael; Belknap, Donald; Bellinger, James Nugent; Borrello, Laura; Bradley, Daniel; Carlsmith, Duncan; Cepeda, Maria; Dasu, Sridhara; Duric, Senka; Efron, Jonathan; Feyzi, Farshid; Flood, Kevin; Friis, Evan; Gorski, Thomas; Grogg, Kira Suzanne; Grothe, Monika; Hall-Wilton, Richard; Herndon, Matthew; Klabbers, Pamela; Klukas, Jeffrey; Lackey, Joe; Lanaro, Armando; Lazaridis, Christos; Loveless, Richard; Magrans de Abril, Marc; Maier, Will; Mohapatra, Ajit; Ojalvo, Isabel; Palmonari, Francesco; Parker, William; Pierro, Giuseppe Antonio; Polese, Giovanni; Reeder, Don; Ross, Ian; Savin, Alexander; Wenman, Daniel; Hervé, Alain; Levine, Aaron; Perry, Thomas; Sarangi, Tapas; Smith, Wesley H.; Woods, Nathaniel

## Zurich U.

Amsler, Claude; Chiochia, Vincenzo; De Cosa, Annapaola; Hinzmann, Andreas; Hreus, Tomas; Jaeger, Andreas; Kilminster, Benjamin; Millan Mejias, Barbara; Otiougova, Polina; Regenfus, Christian; Robmann, Peter; Snoek, Hella; Taroni, Silvia; Tupputi, Salvatore; Verzetti, Mauro; Yang, Yong; Ivova Rikova, Mirena; Canelli, Maria Florencia; Ngadiuba, Jennifer

### Taiwan, Natl. Central U.

Cardaci, Marco; Chang, Yuan-Hann; Chen, E Augustine; Chen, Kuan-Hsin; Chen, Wan-Ting; Ferro, Cristina; Go, Apollo; Kuo, Chia-Ming; Li, Syue-Wei; Lin, Willis; Liu, Ming-Hsiung; Liu, Zong-Kai; Lu, Yun-Ju; Volpe, Roberta; Wu, Jing-Han; Yu, Shin-Shan

### Taiwan, Natl. Taiwan U.

Bartalini, Paolo; Chang, Paoti; Chang, You-Hao; Chang, Yu-Wei; Chao, Yuan; Chen, Kai-Feng; Dietz, Charles; Grundler, Ulysses; Hou, George Wei-Shu; Hsiung, Yee; Kao, Kai-Yi; Lei, Yeong-Jyi; Liau, Jiun-jie; Lin, Sheng-Wen; Liu, Yueh-Feng; Lu, Rong-Shyang; Petrakou, Eleni; Shiu, Jing-Ge; Tzeng, Yeng-Ming; Ueno, Koji; Velikzhanin, Yury; Wan, Xia; Wang, Chin-chi; Wang, Minzu; Wei, Jui-Te; Wilken, Rachel; Yeh, Ping; Majumder, Devdatta; Shi, Xin; Chen, Po-Hsun

#### Chulalongkorn U.

Asavapibhop, Burin; Srimanobhas, Norraphat; Suwonjandee, Narumon; Simili, Emanuele

### Cukurova U.

Adiguzel, Aytul; Bakirci, Mustafa Numan; Cerci, Salim; Demir, Zahide; Dozen, Candan; Dumanoglu, Isa; Ekenel, Ali; Eskut, Eda; Girgis, Semiray; Gokbulut, Gul; Guler, Yalcin; Gurpinar, Emine; Hos, Ilknur; Kangal, Evrim Ersin; Karaman, Turker; Kayis Topaksu, Aysel; Nart, Alisah; Onengut, Gulsen; Ozdemir, Kadri; Ozturk, Sertac; Polatoz, Ayse; Sogut, Kenan; Sunar Cerci, Deniz; Tali, Bayram; Topakli, Huseyin; Uzun, Dilber; Vergili, Latife Nukhet; Vergili, Mehmet; Yilmaz, Sedat; Zorbilmez, Caglar; Ozkan, Nazli Bahar

### Middle East Tech. U., Ankara

Akin, Ilina Vasileva; Aliev, Takhmasib; Bilin, Bugra; Bilmis, Selcuk; Deniz, Muhammed; Gamsizkan, Halil; Guler, Ali Murat; Karapinar, Guler; Ocalan, Kadir; Ozpineci, Altug; Serin, Meltem; Sever, Ramazan; Surat, Ugur Emrah; Yalvac, Metin; Yildirim, Eda; Zeyrek, Mehmet

### Bogazici U.

Isildak, Bora; Deliomeroglu, Mehmet; Demir, Durmus; Halu, Arda; Kaya, Mithat; Kaya, Ozlem; Ozkorucuklu, Suat; Sonmez, Nasuf; Gülmez, Erhan; Özbek, Melih

#### Iowa U.

Albayrak, Elif Asli; Yetkin, Taylan; Akgun, Ugur; Ayan, Ahmet Sedat; Bilki, Burak; Clarida, Warren; Debbins, Paul; Duru, Firdevs; Griffiths, Scott; Ingram, F Duane; Lae, Chung Khim; McCliment, Edward; Merlo, Jean-Pierre; Mermerkaya, Hamit; Mestvirishvili, Alexi; Miller, Michael Jan; Moeller, Anthony; Nachtman, Jane; Newsom, Charles Ray; Norbeck, Edwin; Olson, Jonathan; Onel, Yasar; Ozok, Ferhat; Penzo, Aldo; Rahmat, Rahmat; Schmidt, Ianos; Sen, Sercan; Tan, Ping; Tiras, Emrah; Wetzel, James; Yi, Kai; Dilsiz, Kamuran; Haytmyradov, Maksat; Ogul, Hasan; Chung, Kwangzoo

### Istanbul, Tech. U.

Cankocak, Kerem; Bahtiyar, Hüseyin; Barlas, Esra; Günaydin, Yusuf Oguzhan; Yücel, Mete

### Kharkov, KIPT

Levchuk, Leonid; Lukyanenko, Sergiy; Soroka, Dmytro; Sorokin, Pavel

#### Bristol U.

Barrass, Timothy; Bell, Peter; Bostock, Francis; Brooke, James John; Cheng, Teh Lee; Clement, Emyr; Cussans, David; Flacher, Henning; Frazier, Robert; Goldstein, Joel; Grimes, Mark; Hansen, Maria; Hartley, Dominic; Huckvale, Benedickt; Kreczko, Lukasz; Lacesso, Winnie; Metson, Simon; Nirunpong, Kachanon; Paramesvaran, Sudarshan; Poll, Anthony; Senkin, Sergey; Ward, Simon; Williams, Thomas; Heath, Greg P.; Heath, Helen F.; Jacob, Jeson; Lucas, Chris; Meng, Zhaoxia; Newbold, Dave M.; Smith, Vincent J.

## Texas A-M

Sakuma, Tai; Asaadi, Jonathan; Bouhali, Othmane; Eusebi, Ricardo; Flanagan, Will; Gilmore, Jason; Kamon, Teruki; Khotilovich, Vadim; Krutelyov, Vyacheslav; Montalvo, Roy; Nguyen, Chi Nhan; Osipenkov, Ilya; Pakhotin, Yuriy; Perloff, Alexx; Roe, Jeffrey; Safonov, Alexei; Sengupta, Sinjini; Suarez, Indara; Tatarinov, Aysen; Toback, David; Weinberger, Michael; Rose, Anthony

#### Rutherford

Bateman, Eddie; Belyaev, Alexander; Brew, Christopher; Camanzi, Barbara; Connolly, John F; Denton, Len G; Flower, Paul S; French, Marcus; Greenhalgh, Justin; Halsall, Robert; Harder, Kristian; Harper, Sam; Hill, John; Jackson, James; Lintern, Laurence Albert; Lodge, Anthony B; Olaiya, Emmanuel; Pearson, Matthew; Petyt, David; Shepherd-Themistocleous, Claire; Smith, Brian; Sproston, Martin; Stephenson, Richard; Thea, Alessandro; Torbet, Martin; Williams, Julian; Womersley, William John; Worm, Steven; Bell, Ken W.; Brown, Robert M.; Cockerill, David J.A.; Coughlan, John A.; Ilic, Jelena; Tomalin, Ian R.; Kennedy, Bruce W.

### Rockefeller U.

Malik, Sarah; Bhatti, Anwar; Ciesielski, Robert; Demortier, Luc; Goulianos, Konstantin; Lungu, Gheorghe; Mesropian, Christina; Yan, Ming

### Princeton U.

Zenz, Seth Conrad; Berry, Edmund; Adam, Nadia; Elmer, Peter; Gerbaudo, Davide; Halyo, Valerie; Hebda, Philip; Hunt, Adam; Jindal, Pratima; Koay, Sue Ann; Lujan, Paul; Marlow, Daniel; Medvedeva, Tatiana; Mooney, Michael; Olsen, James; Quan, Xiaohang; Raval, Amita; Safdi, Ben; Saka, Halil; Stickland, David; Tully, Christopher; Werner, Jeremy Scott; Wildish, Tony; Xie, Zhen; Zuranski, Andrzej; Piroué, Pierre

### Brunel U.

Barrett, Matthew; Chadwick, Matthew; Cole, Joanne; Khan, Akram; Kyberd, Paul; Leggat, Duncan; Leslie, Dawn; Martin, William; Reid, Ivan; Symonds, Philip; Teodorescu, Liliana; Turner, Mark; Hobson, Peter R.

#### Baylor U.

Dittmann, Jay; Hatakeyama, Kenichi; Liu, Hongxuan; Scarborough, Tara; Kasmi, Azeddine

# Fermilab

Gunthoti, Kranti; Evans, David; Abdullin, Salavat; Albert, Merina; Albrow, Michael; Anderson, Jacob; Apollinari, Giorgio; Atac, Muzaffer; Badgett, William; Bakken, Jon Alan; Baldin, Boris; Banicz, Karoly; Beretvas, Andrew; Berryhill, Jeffrey; Binkley, Morris; Bloch, Ingo; Borcherding, Frederick; Burkett, Kevin; Butler, Joel Nathan; Chetluru, Vasundhara; Cheung, Harry; Chlebana, Frank; Cihangir, Selcuk; Cooper, William; Dagenhart, William; Demarteau, Marcel; Derylo, Greg; Dumitrescu, Catalin; Dykstra, David; Elias, John E; Elvira, Victor Daniel; Esen, Selda; Eulisse, Giulio; Fagan, David; Fisk, Ian; Foulkes, Stephen; Freeman, Jim; Gaines, Irwin; Gao, Yanyan; Gartung, Patrick; Giacchetti, Lisa; Gottschalk, Erik; Gray, Lindsey; Green, Dan; Guo, Yuyi; Gutsche, Oliver; Hahn, Alan; Hanlon, Jim; Hirschauer, James; Holzman, Burt; Hooberman, Benjamin; Howell, Joseph; Huang, Chih-hao; Hufnagel, Dirk; Jensen, Hans; Jindariani, Sergo; Johnson, Marvin; Jones, Christopher Duncan; Joshi, Umesh; Juska, Evaldas; Khatiwada, Rakshya; Klima, Boaz; Kwan, Simon; Larson, Krista; Leonidopoulos, Christos; Limon, Peter; Linacre, Jacob; Lincoln, Don; Lipton, Ron; Lopez Perez, Juan Antonio; Los, Serguei; Lykken, Joseph; Maeshima, Kaori; Marraffino, John Michael; Maruyama, Sho; Mason, David; McBride, Patricia; McCauley, Thomas; Miao, Ting; Mishra, Kalanand; Moccia, Stefano; Mommsen, Remigius K; Mrenna, Stephen; Muzaffar, Shahzad; Nahn, Steve; Newman-Holmes, Catherine; O'Dell, Vivian; Osborne, Ianna; Pivarski, James; Pordes, Ruth; Prokofyev, Oleg; Rapsevicius, Valdas; Ratnikova, Natalia; Ronzhin, Anatoly; Rossman, Paul; Ryu, Seangchan; Schwarz, Thomas; Sexton-Kennedy, Elizabeth; Sharma, Seema; Shaw, Theresa; Smith, Richard P; Soha, Aron; Spiegel, Leonard; Tanenbaum, William; Taylor, Lucas; Thompson, Rich; Tiradani, Anthony; Tkaczyk, Slawek; Tran, Nhan Viet; Tuura, Lassi; Uplegger, Lorenzo; Vaandering, Eric Wayne; Vidal, Richard; Whitbeck, Andrew; Whitmore, Juliana; Wu, Weimin; Yang, Fan; Yarba, Julia; Yun, Jae Chul; Zimmerman, Thomas; Kaadze, Ketino; Musienko, Yuri; Bauerdick, Lothar A.T.; Bhat, Pushpalatha C.; Grünendahl, Stefan; Hare, Daryl; Harris, Robert M.; Liu, Tiehui; Martinez Outschoorn, Verena Ingrid; Spalding, William J.; Verzocchi, Marco; Eartly, David P.; Lueking, Lee

#### Alabama U.

Charaf, Otman; Cooper, Seth; Henderson, Conor; Rumerio, Paolo

#### Brown U.

Alimena, Juliette; Bhattacharya, Saptaparna; Cutts, David; Demiragli, Zeynep; Ferapontov, Alexey; Garabedian, Alex; Heintz, Ulrich; Hooper, Ryan; Jabeen, Shabnam; Kukartsev, Gennadiy; Laird, Edward; Landsberg, Greg; Luk, Michael; Narain, Meenakshi; Nguyen, Duong; Segala, Michael; Sinthuprasith, Tutanon; Speer, Thomas; Swanson, Joshua; Tsang, Ka Vang; Unalan, Zeynep; Christopher, Grant

### UC, Davis

Breedon, Richard; Breto, Guillermo; Calderon De La Barca Sanchez, Manuel; Case, Michael; Caulfield, Matthew; Chauhan, Sushil; Chertok, Maxwell; Conway, John; Conway, Rylan; Cox, Peter Timothy; Erbacher, Robin; Gardner, Michael; Grim, Gary; Gunion, Jack; Holbrook, Britt; Houtz, Rachel; Ko, Winston; Kopecky, Alexandra; Lander, Richard; Lin, Feng-Cheng; Liu, Haidong; Mall, Orpheus; Miceli, Tia; Murray, Patrick; Nelson, Randy; Nikolic, Milan; Pellett, Dave; Ricci-Tam, Francesca; Rowe, Jeff; Rutherford, Britney; Searle, Matthew; Smith, John; Squires, Michael; Tripathi, Mani; Vasquez Sierra, Ricardo; Yohay, Rachel; Mulhearn, Michael; Pilot, Justin; Shalhout, Shalhout; Wilbur, Scott

### UC, Riverside

Babb, John; Chandra, Avdhesh; Clare, Robert; Ellison, John Anthony; Gary, J William; Hanson, Gail; Jeng, Geng-Yuan; Lacroix, Florent; Layter, John G; Liu, Feng; Liu, Hongliang; Long, Owen Rosser; Luthra, Arun; Malberti, Martina; Nguyen, Harold; Sumowidagdo, Suharyo; Wimpenny, Stephen; Sturdy, Jared; Heilman, Jesse; Jandir, Pawandeep; Shrinivas, Amithabh; Shen, Benjamin C.

### **MIT**

Dutta, Valentina; Alver, Burak; Apyan, Aram; Bauer, Gerry; Busza, Wit; Cali, Ivan Amos; Chan, Matthew; Di Matteo, Leonardo; Gomez Ceballos, Guillelmo; Goncharov, Maxim; Klute, Markus; Lee, Yen-Jie; Levin, Andrew; Loizides, Constantinos; Lopez, Jeremy; Luckey, Paul David; Ma, Teng; Paus, Christoph; Ralph, Duncan; Roland, Christof; Roland, Gunther; Rudolph, Matthew; Stephans, George; Sumorok, Konstanty; Velicanu, Dragos; Veverka, Jan; Wenger, Edward Allen; Wyslouch, Bolek; Yang, Mingming; Yoon, Sungho; Zanetti, Marco; Zhukova, Victoria; Barbieri, Richard; Gulhan, Doga; Lai, Yue Shi; Stöckli, Fabian

# Carnegie Mellon U.

Azzolini, Virginia; Calamba, Aristotle; Carroll, Ryan; Ferguson, Thomas; Iiyama, Yutaro; Jang, Dong Wook; Jun, Soon Yung; Paulini, Manfred; Russ, James; Terentyev, Nikolay; Vogel, Helmut; Vorobiev, Igor

#### Colorado U.

Cumalat, John Perry; Drell, Brian Robert; Edelmaier, Christopher; Gaz, Alessandro; Heyburn, Bernadette; Johnson, Douglas; Luiggi Lopez, Eduardo; Nauenberg, Uriel; Smith, James; Stenson, Kevin; Wagner, Stephen Robert; Zang, Shi-Lei; Ulmer, Keith; Ford, William T.

#### Cornell U.

Agostino, Lorenzo; Alexander, James; Cassel, David; Chatterjee, Avishek; Eggert, Nicholas; Gibbons, Lawrence Kent; Heltsley, Brian; Henriksson, Kristofer; Hopkins, Walter; Kuznetsov, Valentin; Liu, Yao; Mirman, Nathan; Nicolas Kaufman, Gala; Patterson, Juliet Ritchie; Riley, Daniel; Ryd, Anders; Saelim, Michael; Salvati, Emmanuele; Stroiney, Steven; Sun, Werner; Teo, Wee Don; Thom, Julia; Thompson, Joshua; Tucker, Jordan; Vaughan, Jennifer; Weng, Yao; Winstrom, Lucas; Wittich, Peter; Kreis, Benjamin; Khukhunaishvili, Aleko; Chu, Jennifer

### Fairfield U.

Biselli, Angela; Cirino, Guy; Winn, Dave

### Minnesota U.

Bailleux, David; Cole, Perrie; Cushman, Priscilla; Dahmes, Bryan; De Benedetti, Abraham; Egeland, Ricky; Gude, Alexander; Haupt, Jason; Inyakin, Alexandre; Kao, Shih-Chuan; Klapoetke, Kevin; Kubota, Yuichi; Mans, Jeremy; Pastika, Nathaniel; Rusack, Roger; Sasseville, Michael; Singovsky, Alexander; Tambe, Norbert; Turkewitz, Jared

# **Bucharest, IFIN-HH**

Popescu, Sorina

#### Northwestern U.

Schmitt, Michael; Anastassov, Anton; Gobbi, Bruno; Hahn, Kristan Allan; Kubik, Andrew; Lusito, Letizia; Mucia, Nicholas; Odell, Nathaniel; Ofierzynski, Radoslaw Adrian; Pollack, Brian; Pozdnyakov, Andrey; Stoynev, Stoyan; Sung, Kevin; Velasco, Mayda; Won, Steven; Sarkar, Resham

### Florida U.

Dobur, Didar; Cheng, Tongguang; Kropivnitskaya, Anna; Acosta, Darin; Avery, Paul; Barashko, Victor; Bourilkov, Dimitri; Das, Souvik; De Gruttola, Michele; Di Giovanni, Gian Piero; Dolinsky, Sergei; Fisher, Matthew; Fu, Yu; Furic, Ivan-Kresimir; Gartner, Joseph; Goldberg, Sean; Gorn, Lisa; Holmes, Daniel; Hugon, Justin; Kim, Bockjoo; Konigsberg, Jacobo; Korytov, Andrey; Kypreos, Theodore; Low, Jia Fu; Madorsky, Alexander; Matchev, Konstantin; Milenovic, Predrag; Mitselmakher, Guenakh; Muniz, Lana; Park, Myeonghun; Prescott, Craig; Remington, Ronald; Rinkevicius, Aurelijus; Schmitt, Michael; Scurlock, Bobby; Sellers, Paul; Snowball, Matthew; Stasko, John; Yelton, John; Zakaria, Mohammed; Skhirtladze, Nikoloz; Field, Richard D.; Shchutska, Lesya

### Florida Intl. U.

Ceron, Cristobal; Gaultney, Vanessa; Hewamanage, Samantha; Kramer, Laird; Lebolo, Luis Miguel; Linn, Stephan; Markowitz, Pete; Martinez, German; Mesa, Dalgis; Rodriguez, Jorge Luis

### Florida State U.

Adams, Todd; Askew, Andrew; Bandurin, Dmitry; Bertoldi, Maurizio; Bochenek, Joseph; Chen, Jie; Dharmaratna, Welathantri GD; Diamond, Brendan; Gleyzer, Sergei V; Haas, Jeff; Hagopian, Sharon; Hagopian, Vasken; Jenkins, Merrill; Prosper, Harrison; Tentindo, Silvia; Veeraraghavan, Venkatesh;

Weinberg, Marc; Johnson, Kurtis F.

#### Notre Dame U.

Berry, Douglas; Morse, David Michael; Baumbaugh, Barry; Brinkerhoff, Andrew; Chan, Kwok Ming; Drozdetskiy, Alexey; Heering, Arjan Hendrix; Hildreth, Michael; Jessop, Colin; Karmgard, Daniel John; Kellams, Nathan; Kolb, Jeff; Lannon, Kevin; Lynch, Sean; Marinelli, Nancy; Pearson, Tessa; Planer, Michael; Ruchti, Randy; Slaunwhite, Jason; Valls, Nil; Warchol, Jadwiga; Wayne, Mitchell; Wolf, Matthias; Woodard, Anna; Ziegler, Jill; Luo, Wuming

### Johns Hopkins U.

Barnett, Bruce Arnold; Blumenfeld, Barry; Bolognesi, Sara; Eskew, Christopher; Fehling, David; Giurgiu, Gavril; Gritsan, Andrei; Guo, Zijin; Hu, Guofan; Maksimovic, Petar; Swartz, Morris; Martin, Christopher

#### Kansas U.

Baringer, Philip; Bean, Alice; Benelli, Gabriele; Coppage, Don; Grachov, Oleg; Kenny III, Raymond Patrick; Murray, Michael; Noonan, Daniel; Radicci, Valeria; Sanders, Stephen; Stringer, Robert; Tinti, Gemma; Wood, Jeffrey Scott; Gray, Julia; Sekaric, Jadranka; Wang, Quan

#### Kansas State U.

Barfuss, Anne-Fleur; Bolton, Tim; Chakaberia, Irakli; Ivanov, Andrew; Khalil, Sadia; Makouski, Mikhail; Maravin, Yurii; Saini, Lovedeep Kaur; Shrestha, Shruti; Svintradze, Irakli

### LLNL, Livermore

Gronberg, Jeffrey; Lange, David; Rebassoo, Finn; Wright, Douglas

### Mississippi U.

Acosta, John Gabriel; Cremaldi, Lucien Marcus; Godang, Romulus; Kroeger, Rob; Oliveros, Sandra; Perera, Lalith; Reidy, Jim; Sanders, David A; Summers, Don

#### Nebraska U.

Attebury, Garhan; Avdeeva, Ekaterina; Bloom, Kenneth; Bockelman, Brian; Bose, Suvadeep; Dominguez, Aaron; Eads, Michael; Gonzalez Suarez, Rebeca; Keller, Jason; Kelly, Tony; Kravchenko, Ilya; Lazo-Flores, Jose; Lundstedt, Carl; Meier, Frank; Snihur, Robert; Swanson, David; Malik, Sudhir; Claes, Daniel R.; Knowlton, Dan; Snow, Gregory R.

#### SUNY, Buffalo

Baur, Ulrich; Dolen, James; Godshalk, Andrew; Iashvili, Ia; Jain, Supriya; Kharchilava, Avto; Kumar, Ashish; Rappoccio, Salvatore; Shipkowski, Simon Peter; Smith, Kenneth; Wan, Zongru; Zennamo, Joseph

### Northeastern U.

Alverson, George; Barberis, Emanuela; Baumgartel, Darin; Boeriu, Oana; Chasco, Matthew; Haley, Joseph; Massironi, Andrea; Moromisato, Jorge; Nash, David; Orimoto, Toyoko; Swain, John; Trocino, Daniele; Von Goeler, Eberhard; Wood, Darien; Zhang, Jinzhong

### Ohio State U.

Antonelli, Louis; Bylsma, Ben; Durkin, Lloyd Stanley; Gu, Jianhui; Hill, Christopher; Hughes, Richard; Killewald, Phillip; Kotov, Khristian; Ling, Ta-Yung; Puigh, Darren; Rodenburg, Marissa; Rush, Chuck J; Sehgal, Veejay; Williams, Grayson; Vuosalo, Carl; Flowers, Sean; Smith, Geoffrey; Winer, Brian L.; Wolfe, Homer; Wulsin, Howard Wells

### Puerto Rico U., Mayaguez

Bonnett Del Alamo, Miguel; Brownson, Eric; Huang, Xing Tao; Lopez, Angel; Mendez, Hector; Ramirez Vargas, Juan Eduardo; Zatserklyaniy, Andriy

#### Purdue U., Calumet

Guragain, Samir; Parashar, Neeti; Stupak, John

#### Rice U.

Adair, Antony; Akgun, Bora; Boulahouache, Chaouki; Cuplov, Vesna; Ecklund, Karl Matthew; Lee, Sang Joon; Li, Wei; Liu, Jinghua H; Matveev, Mikhail; Padley, Brian Paul; Redjimi, Radia; Roberts, Jay; Tumanov, Alexander; Yepes, Pablo; Zabel, James; Geurts, Frank J.M.; Michlin, Benjamin

### Rochester U.

Betchart, Burton; Bodek, Arie; Budd, Howard; Chung, Yeon Sei; Covarelli, Roberto; de Barbaro, Pawel; Demina, Regina; Eshaq, Yossof; Ferbel, Thomas; Garcia-Bellido, Aran; Ginther, George; Goldenzweig, Pablo; Gotra, Yury; Han, Jiyeon; Harel, Amnon; Korjenevski, Sergey; Miner, Daniel Carl; Orbaker, Douglas; Petrillo, Gianluca; Sakumoto, Willis; Slattery, Paul; Vishnevskiy, Dmitry; Zielinski, Marek

### Tennessee U.

Cerizza, Giordano; Hollingsworth, Matthew; Ragghianti, Gerald; Rose, Keith; Spanier, Stefan; Yang, Zong-Chang; York, Andrew

### Texas Tech.

Akchurin, Nural; Bardak, Cemile; Damgov, Jordan; Dragoiu, Cosmin; Dudero, Phillip Russell; Jeong, Chiyoung; Kovitanggoon, Kittikul; Kunori, Shuichi; Lee, Sung Won; Libeiro, Terence; Mane, Poonam; Sill, Alan; Volobouev, Igor; Wigmans, Richard; Cowden, Christopher; Faulkner, James

### Vanderbilt U.

Appelt, Eric; Engh, Daniel; Gabella, William; Greene, Senta; Gurrola, Alfredo; Issah, Michael; Johns, Willard; Johnston, Cody; Maguire, Charles; Melo, Andrew; Sharma, Monika; Sheldon, Paul; Snook, Benjamin; Tuo, Shengquan; Velkovska, Julia; Delannoy, Andrés G.; Mao, Yaxian

### Virginia U.

Andelin, Daniel; Arenton, Michael Wayne; Balazs, Michael; Boutle, Sarah; Buehler, Marc; Conetti, Sergio; Cox, Bradley; Francis, Brian; Goadhouse, Stephen; Goodell, Joseph; Hirosky, Robert; Ledovskoy, Alexander; Lin, Chuanzhe; Neu, Christopher; Phillips II, David; Wood, John; Li, Hengne

### Wayne State U.

Gollapinni, Sowjanya; Harr, Robert; Karchin, Paul Edmund; Kottachchi Kankanamge Don, Chamath; Lamichhane, Pramod; Mattson, Mark; Milstène, Caroline

### West England U.

Ahmad, Mian Khawar Hasham; Branson, Andrew; McClatchey, Richard; Odeh, Mohammed; Shamdasani, Jetendr; Soomro, Kamran

# Annecy, LAPP

Sillou, Daniel

## Louis Pasteur U., Strasbourg I

Pansanel, Jérôme

### **Bhubaneswar, NISER**

Swain, Sanjay Kumar

### ISER, Sofia

Roumenin, Chavdar; Uzunova, Daniela; Zahariev, Roman