

WORKSHOP PROGRAMME

(update: 15 April 2012)

Monday, 7 May 2012	
08:30 - 09:30	Registration
09:00 - 09:30	Opening session <ul style="list-style-type: none"> • Welcome address (Authorities and representatives) • Practical information (Local Organizers)
09:30 - 10:00	HyMeX Status (P. Drobinski, V. Ducrocq)
10:30 - 11:00	Coffee Break
ST1 - Plenary session - Science talks	
Flash-floods and Heavy Precipitation <div style="text-align: right;">Chairs:</div>	
11:00 - 11:15	ST1.1 – The FLOODSCALE project – “Multi-scale hydrometeorological observation and modelling for flash-floods understanding and simulation” <i>I. Braud, C. Bouvier, G. Delrieu, S. Perez, FloodScale participants</i>
11:15 - 11:30	ST1.2 – Estimating peak discharges of extreme flash-flood events <i>E. Gaume and D. Lumbroso</i>
11:30- 11:45	ST1.3 – The Flash-flood of October 2011 in the Magra river (Italy): results of post-event documentation <i>L. Marchi, M. Borga, M. Cavalli, F. Comiti and F. Marra</i>
11:45 - 12:00	ST1.4 – An Hydrological description of the 4 th November 2011 event in Genoa <i>S. Gabellani, F. Giannoni, N. Rebora, R. Rudari, F. Siccard and F. Silvestro</i>
12:00 - 12:15	ST1.5 – Preliminary analyses of heavy precipitation events over Liguria: sensitivity experiments <i>S.Davolio</i>
12:15 - 12:30	ST1.6 – An analysis of three disastrous rain events occurred in Italy: Rome, Cinque Terre and Genoa <i>R. Ferretti, G. Panegrossi, R. Rotunno, E. Pichelli, F. Marzano, E. Picciotti, G. Vulpiani and S. Dietrich</i>
12:30- 12:45	ST1.7 – Evaluation of the AROME_WMED MODEL for the autumn 2011 period <i>M. Nuret, N. Fourrié, E. Bresson, A.Jansa, S. Guedj, C. Payan and V. Guidard</i>
12:45 - 13:00	ST1.8 – The HyMeX database <i>L. Mastrorillo, K. Ramage, J.-L. Boichard, G. Brissebrat, S. Cloché and L. Fleury</i>
13:00 - 14:30	Lunch
S1- Plenary session – SOP preparation & coordination	
14:30 – 16:00	
16:00 - 17:00	PS1 – Poster session and coffee break
S2- Plenary session – SOP preparation & coordination	
17:00 - 18:30	
19:00 - 20:00	Welcome reception

Tuesday, 8 May 2012	
ST2 - Plenary session - Science talks	
Heavy Precipitation	
09:00 - 09:30	ST2.1 – (solicited talk) <i>H. Wernli</i>
09:30 - 09:45	ST2.2 – Mesoscale triggering of the heavy precipitation event in the southern Adriatic area <i>B. Ivancan-Picek, K. Horvath, N. Strelec Mahovic and M. Gajic-Capka</i>
09:45 - 10:00	ST2.3 – The dependance of convective precipitation on atmospheric conditions in Corsica <i>B. Adler, S. Späth and N. Kalthoff</i>
10:00 – 10:15	ST2.4 – Sensitivity of deep convection to terrain forcing over Corsica <i>C. Barthlot and D. Kirshbaum</i>
Vulnerability and adaptation capacity	
10:15 – 10:30	ST2.5 – Impact of extreme events on people along the road network of Mediterranean region <i>O. Petrucci and A.E. Pasqua</i>
10:30 - 11:00	Coffee Break
11:00 - 11:15	ST2.6 – Post-event field investigations: a socio-hydro-meteorological experimentation of flash-flood events in the Var (France) <i>I. Ruin, B. Boudevillain, J.D. Creutin, C. Lutoff, S. Anquetin, L. Creton-Cazanave, G. Delrieu and O. Vannier</i>
11:15 - 11:30	ST2.7 – Territorial vulnerability and damage analysis model for flash-floods : A Mallorca study case <i>M. Ruiz Perez and M. Grimalt Gelabert</i>
P1 – Parallel science discussions	
11:30-13:00	P1.1 – WG1/WG2 <i>Chairs:</i>
11:30-13:00	P1.2 – WG3 <i>Chairs:</i>
13:00 - 14:30	Lunch
S3- Plenary session – SOP preparation & coordination	
14:30 - 16:00	
16:00 - 17:00	PS2 – Poster session and coffee break
S4- Plenary session – SOP preparation & coordination	
17:00 - 18:30	

Wednesday, 9 May 2012	
ST3 - Plenary session - Science talks	
The Continental Hydrological Cycle, Water Resources	
09:00 - 09:30	ST3.1 – (solicited talk) <i>P. Ruti, S. Somot</i>
09:30 - 09:45	ST3.2 – Drought monitoring: towards the integration of satellite products into continental hydrological models <i>J.-C. Calvet, A. Barbu, D. Carrer, S. Lafont, C. Szczypka, B. Decharme, J.F. Mahfouf, E. Martin and S. Somot</i>
09:45 - 10:00	ST3.3 – Comparison and validation of two meteorological analysis systems in the Northeast of Spain <i>P. Quintana Seguí, M.C. Peral García, M. Turco, J.D. Salas Pérez, M. Llasat and E. Martin</i>
10:00 – 10:15	ST3.4 – Stochastic rainfall downscaling of the PROTHEUS regional climate models <i>D. D'Onofrio, V. Artale, S. Calmanti, J. von Hardenberg, E. Palazzi and A. Provenzale</i>
10:15 – 10:30	ST3.5 – Effects of interacting vegetation phenology on heat waves <i>M. Stéfanon, P. Drobinski, F. D'Andrea and N. De Noblet</i>
10:30 - 11:00	Coffee Break
11:00 - 11:15	ST3.6 – Modelling water balance and biomass production at the regional scale: Example of Crau area <i>R. Lecerf, A. Chanzy and A. Olioso</i>
11:15 - 11:30	ST3.7 – A climate change impact study on a carbonate aquifer in Southern Italy <i>I. Portoghesi, M. Vurro and E. Bruno</i>
P2 – Parallel science discussions	
11:30-13:00	P2.1 – WG4 <i>Chairs:</i>
11:30-13:00	P2.2 – WG5/WG3 <i>Chairs:</i>
13:00 - 14:30	Lunch
ST4 - Plenary session - Science talks	
Heavy Precipitation	
14:30 - 14:45	ST4.1 – Impact study of MEDEX-2009 Data targeting using the HIRLAM system <i>J. Campins and B. Navascués</i>
14:45 - 15:00	ST4.2 – Testing DTS sensitivity methods for Mediterranean high-impact weather targeting guidance <i>L. Garcies and V. Homar</i>
15:00 - 15:15	ST4.3 – Sensitivity of an intense HPE to upper-level PV modifications derived from a PV advection model <i>S. Fresnay, K. Maynard, P. Arbogast, D. Lambert and E. Richard</i>
15:15 - 15:30	ST4.4 – A large ensemble of data assimilations for studying forecast errors and predictability over the Mediterranean <i>Y. Michel, R. Legrand, B. Ménétrier and T. Montmerle</i>

15:30 - 15:45	ST4.5 – Towards the development of a convection-permitting ensemble based on the COSMO model over Italy <i>C. Marsigli, A. Montani and T. Paccagnella</i>
15:45 - 16:00	ST4.6 – Explicit simulations of electrified mixed-phase clouds in MESO-NH: Towards real-case studies for HyMeX <i>J.-P. Pinty, C. Barthe, E. Defer, E. Richard and M. Chong</i>
16:00 - 17:00	PS3 – Poster session and coffee break
18:00 -	Workshop Dinner

Thursday, 10 May 2012	
ST5 - Plenary session - Science talks	
The Mediterranean Water Budget	
09:00 - 09:30	ST5.1 – (solicited talk) <i>tbd</i>
09:30 - 09:45	ST5.2 – To what extent do atmospheric modes of variability determine Mediterranean surface heat and freshwater exchanges? <i>S. Josey</i>
09:45 - 10:00	ST5.3 – Towards a 1993-2013 Mediterranean Sea reanalysis <i>J. Beuvier, J. Lellouche, K. Beranger, Y. Drillet, S. Somot, R. Bourdallé-Badie, M. Benkiran, F. Sevault, T. Arsouze and B. Alhammoud</i>
10:00 - 10:15	ST5.4 – Resolving explicitly the Black Sea in the Mediterranean Sea simulations using an atmosphere-ocean coupled model <i>A. Elizalde and U. Mikolajewicz</i>
10:15 - 10:30	ST5.5 – Impact of the near Atlantic Ocean characteristics on the Mediterranean water budget using the CNRM-RCSM <i>C. Dubois, S. Somot, F. Sevault</i>
10:30 - 11:00	Coffee Break
11:00 - 11:15	ST5.6 – Modeling the mesoscale oceanic circulation in the eastern Mediterranean Sea during the EGYPT campaign <i>T. Arsouze, M. Dorel, K. Béranger, I. Taupier-Letage, J. Beuvier, R. Bourdallé-Badie, Y. Drillet and A. Stegner</i>
Intense air-sea fluxes, severe winds and dense water formation	
11:15 - 11:30	ST5.7 – Does the thermohaline circulation weaken in the Adriatic Sea? <i>I. Vilibić, J. Šepić and N. Proust</i>
11:30 - 11:45	ST5.8 – Impact of regional model configuration on the representation of Mediterranean wind variability and intense events. <i>M. Herrmann, S. Somot, S. Calmanti, C. Dubois and F. Sevault</i>
11:45 - 12:00	ST5.9 – High-resolution modelling of the oceanic circulation and winter vertical mixing in the Northwestern Mediterranean <i>P. Damien, C. Estournel and P. Marsaleix</i>
12:00 - 12:15	ST5.10 – A Two-way coupling of the Adriatic Sea circulation and wave models <i>M. Dutour Sikiric, A. Roland, I. Janekovic, M. Kuzmic and I. Tomazic</i>
12:15 - 12:30	ST5.11 – The analysis of Bora flow over the complex orography of the mid-Adriatic region <i>K. Horvath, Ž. Večenaj and B. Grisogono</i>
12:30 - 12:45	ST5.12 – First steps towards a quantitative assessment of Medcane risk under future climate conditions <i>M. Tous, R. Romero and J. Martín</i>
12:45 - 13:00	ST5.13 – AROME -WMED, a mesoscale model designed for the HyMeX special observation periods <i>N. Fourrié, M. Nuret, E. Bresson, P. Brousseau</i>
13:00 - 14:30	Lunch
ST6 - Plenary session - Science talks	
Heavy Precipitation	

14:30 – 14:45	ST6.1 – Relationships between lightning activity, microphysics, and kinematics during a thundercloud observed in the HyMeX SOP1 area <i>M. Buguet, S. Coquillat, S. Soula, C. Barthe, M. Chong, O. Bousquet and E. Defer</i>
14:45 – 15:00	ST6.2 – Retrieval of 3D Multiple-Doppler wind syntheses and wind field derivatives from RHYTMME and ARAMIS radars in the French Mediterranean Alps <i>J. Beck, E. Wattrelot and O. Bousquet</i>
15:00 – 15:15	ST6.3 – Influence of the DSD variability at the radar subgrid scale on radar power laws <i>J. Jaffrain and A. Berne</i>
15:15 – 15:30	ST6.4 – RASTA: The airborne cloud radar, a tool for studying cloud and precipitation during HyMeX SOP1 <i>J. Delanoë, A. Protat, J. Vinson, E. Fontaine, A. Schwarzenboeck and C. Flamant</i>
15:30 - 16:00	Summary and closing remarks (P. Drobinski, V. Ducrocq, B. Ivancan-Picek)

POSTER SESSIONS

(Poster format: A0, portrait-oriented)

PS1. Poster session – Monday 7 May, 16:00-17:00

PS1.1 FIRST FLIGHTS OF THE NEW BAMED BOUNDARY LAYER PRESSURIZED BALLOONS

DOERENBECHER A., Basdevant C., Bernard F., Verdier N., Cocquerez P., Drobinski P.

PS1.2 CORSICA: A MEDITERRANEAN ATMOSPHERIC OBSERVATORY IN CORSICA - SCIENTIFIC OBJECTIVES AND DEPLOYMENT STRATEGY FOR HYMEX

LAMBERT D., Kalthoff N., Aemisegger F., Bargain E., Bezombes Y., Campistron B., Coquillat S., Corsmeier U., Defer E., Derrien S., Hankers R., Jarnot C., Kottmeier C., Martin J., Pinty J., Prieur S., Richard E., Saïd F., Van-Baelen J., Wernli H., Wieser A.

PS1.3 THE LAMP HIGH RESOLUTION X BAND RADAR PLATFORM: MONITORING AND INVESTIGATION OF PRECIPITATION HETEROGENEITY.

VAN BAELEN J., Pointin Y., Mioche G.

PS1.4 UPDATE ON THE INSTRUMENTATION, DATA/PRODUCTS AND ANALYSIS STRATEGY OF THE HYMEX LIGHTNING TASK TEAM TTO1H

DEFER E., TTO1h Team T.

PS1.5 A FIRST OVERVIEW OF TARA CONTRIBUTIONS AS FORESEEN FOR THE SOP 1.1 IN SOUTH FRANCE

DUFURNET Y.

PS1.6 HIGH-RESOLUTION RAINFALL SAMPLING: HPICONET

MOLINIÉ G., Boudevillain B., Gérard S., Berne A., Biron R., Jaffrain J., Studzinski A., Anquetin S., Creutin J.1, Delrieu G.

PS1.7 STRATEGY OF THE PROFILING FLOATS TO TRACK THE DEEP CONVECTION IN THE GULF OF LION

COPPOLA L., Taupier-Letage I., Belamari S.

PS1.8 I-DEWEX: AN INTENSIVE OBSERVATION/MODELLING PROGRAM IN THE NORTH-WESTERN MEDITERRANEAN COMPLEMENTARY TO HYMEX

ESTOURNEL C., Conan P., D'Ortenzio F., Durrieu de Madron X., Testor P.

PS1.9 CHARACTERIZATION OF THE ERRORS ASSOCIATED WITH THE ESTIMATION OF THE SPECIFIC DIFFERENTIAL PHASE SHIFT

GRAZIOLI J., Berne A.

PS1.10 VERTICAL PROFILES OF X-BAND WEATHER RADAR OBSERVABLES DURING SNOWFALL IN THE SWISS ALPS

SCHNEEBELI M., Berne A.

PS1.11 X BAND POLARIMETRIC & DOPPLER RADAR OBSERVATIONS OF PRECIPITATION VARIABILITY OVER THE MEDITERRANEAN REGION (FRANCE)

RYSMAN J., Lemaître Y., Moreau E.

PS1.12 ASSIMILATION OF RADAR DATA IN THE AROME WMED MODEL AT CONVECTIVE SCALE

WATTRELOT E., Montmerle T., Geijo Guerrero C.

PS1.13 FORECAST ERRORS IN CLOUDS AND PRECIPITATION FOR THE ASSIMILATION OF CLOUDY RADIANCES AND RADAR DATA

MONTMERLE T., Michel Y., Martinet P.

PS1.14 A RADAR REFRACTIVITY CHANGE OBSERVATION OPERATOR FOR A CONVECTIVE-SCALE MODEL: COMPARISON OF OBSERVATIONS AND SIMULATIONS

CAUMONT O., Foray A., Besson L., Parent du Châtelet J.

PS1.15 AN OBSERVATION OPERATOR TO COMPARE WIND PROFILER MASS OBSERVATIONS WITH CONVECTIVE-SCALE MODEL OUTPUTS

CAUMONT O., Nawanti K. Y., Saïd F., Bousquet O.

PS1.16 COMPARISON OF WRF 3D-VAR WITH THE DART ENKF FOR A COPS IOP

GRZESCHIK M., Schwitalla T., Bauer H., Wulfmeyer V.

PS1.17 SEEKING AN OPTIMAL BOLAM CONFIGURATION FOR HYMEX TS7A: AN INTERCOMPARISON STUDY USING MAP D-PHASE DATASETS

CASAIOLI M., Mariani S.

PS1.18 INFLUENCE OF THE ASSIMILATION SYSTEM AT DHMZ TO FORECAST OF THE 2 M PARAMETERS

STANESIĆ A., Kovačić T., Ivatek-Šahdan S., Horvath K., Tudor M., Bajić A.

PS1.19 A DIAGNOSTIC STUDY OF THE BACKGROUND ERROR STATISTICS OVER THE WIDER ADRIATIC REGION

HORVATH K., Stanešić A., Kovačić T.

PS1.20 A COMPARISON OF GPS ATMOSPHERIC PRODUCTS FOR WEATHER FORECASTING AND CLIMATE MONITORING

BOCK O., P. B., B. G., Thierry D.

PS1.21 VERIFICATION OF MODEL PREDICTION OF CLOUD COVER AND RAIN BY SATELLITE OBSERVATION

CHABOUREAU J.P., Alhammoud B., Funatsu B. M., Lebeaupin-Brossier C., Claud C., Nuissier O., Béranger K., Drobinski P.

PS2. Poster session – Tuesday 8 May, 16:00-17:00

PS2.1 THE SOIL MOISTURE-TEMPERATURE FEEDBACK DURING HEAT WAVES IN MED-CORDEX SIMULATIONS

STÉFANON M., Drobinski P., D'Andrea F., Lebeaupin-Brossier C.

PS2.2 EVALUATION OF THE NUMERICAL FORECAST OF THE CONVECTIVE PRECIPITATION OVER CROATIA

MAZZOCCO DRVAR D., Telišman Prtenjak M., Lebeaupin Brossier C.

PS2.3 ASSESSMENT OF EVAPOTRANSPIRATION AND BIOPHYSICAL VARIABLES FROM VARIOUS REMOTE SENSING DATA ACQUIRED ON THE HYMEX PILOT SITE: 'THE CRAU CAMARGUE REGION'

COURAULT D., Mira M., Castillo S., Weiss M., Gallego B., Marloie O., Hagolle O., Oliosio A.

PS2.4 MULTIDECADAL MODULATION OF EL NIÑO INFLUENCE ON THE EURO-MEDITERRANEAN RAINFALL

LOPEZ-PARAGES J., Rodriguez-Fonseca B.

PS2.5 DROUGHT RISK ASSESSMENT ALONG THE EASTERN ADRIATIC COAST

CINDRIĆ K., Pasarić Z., Gajić-Čapka M.

PS2.6 MODELLING CLIMATE CHANGE IMPACTS ON EXTREME DROUGHT OVER PENINSULAR SPAIN

GARCÍA GALIANO S. G., Giraldo Osorio J. D.

PS2.7 NON-STATIONARY INFLUENCE OF THE MEDITERRANEAN ON WEST AFRICAN RAINFALL: EXTERNAL CONTRIBUTORS AND MULTIDECADAL MODULATIONS

RODRIGUEZ-FONSECA B., Gaetani M., Losada T., Mohino E., Polo I., Suárez R., Pasqui M.

PS2.8 MONITORING ATMOSPHERE AND OCEAN VARIABILITY -VIRTUAL LABORATORY

MATIĆ F., Grbec B., Morović M.

PS2.9 THE HYMEX DATABASE ON SOCIETAL IMPACT OF FLOODS

LLASAT M. C., Llasat-Botija M., Petrucci O., Pasqua A. A., Rosselló J., Grimalt M., Vinet F., Boisier L.

PS2.10 FLOODS IN CROATIA - SOCIETAL AND ECONOMIC IMPACTS AND RESPONSES IN THE NEWSPAPERS

GAJIC-CAPKA M., Sokol Jurkovic R., Nikolic D., Capka B.

PS2.11 SOCIAL ANALYSIS OF HIGH INTENSITY RAIN EVENTS (MAY – OCTOBER 2011) IN CATALONIA

AMARO J., Barberia L., Aran M., Llasat M. C.

PS2.12 REGIONAL FLOOD FREQUENCY STUDIES IN FLASH FLOOD PRONE AREAS: POSSIBILITIES AND RISKS

CONG N. C., Payrastre O., Gaume E.

PS2.13 REPORT ABOUT THE FLOOD OCCURED ON NOVEMBER 22, 2011 IN BARCELONA (SICILY)

ARONICA G. T., Gaume E., Marchi L.

PS2.14 POST-EVENT SURVEYS OF FLASH FLOODS IN THE POLLENSA BASIN (MALLORCA, SPAIN)

GRIMALT M., Rossello J.

PS2.15 A DEDICATED HYDROMETEOROLOGICAL ENSEMBLE PREDICTION CHAIN FOR FLASH-FLOODS DURING THE HYMEX NW_MED SOP.

NUISSIER O., Vié B., Vincendon B.

PS2.16 ENSEMBLE SIMULATIONS WITH PERTURBED PHYSICAL PARAMETRISATIONS: PRE- HYMEX CASE STUDIES

HALLY A., Fresnay S., Richard E., Lambert D.

PS2.17 METEOROLOGICAL ENSEMBLES DRIVING HYDROLOGICAL PREDICTIONS: SINGLE- AND MULTI-MODEL APPROACHES

DAVOLIO S., Diomede T., Marsigli C., Miglietta M. M., Montani A.

PS2.18 CLOUD-PERMITTING SIMULATION OF THE TORRENTIAL RAINFALL EVENT IN GENOA (LIGURIA, ITALY) ON NOVEMBER 4TH, 2011

COMELLAS A., Fiori E., Molini L., Pignone F., Rebora N., Silvestro F., Siccardi F., Parodi A.

PS2.19 STOCHASTIC SPACE-TIME DISAGGREGATION OF RAINFALL INTO DSD FIELDS

SCHLEISS M., Berne A.

PS2.20 ESTIMATE OF RAIN KINETIC-ENERGY FROM RADAR AND/OR RAINGAUGES OBSERVATIONS BASED ON A SCALING-FORMULATION OF DSD

YU N., Boudevillain B., Delrieu G., Esteves M., Hachani S., Uijlenhoet R.

PS3. Poster session – Wednesday 9 May, 16:00-17:00

PS3.1 SENSITIVITY OF THE CIRCULATION IN THE STRAIT OF SICILY TO A HIGH RESOLUTION ATMOSPHERIC FORCING

OMRANI H., Mairech H., Drobinski P., Beranger K., Lebeaupin Brossier C., Bastin S., Boukthir M.

PS3.2 A MODIFICATION FOR SEA EVAPORATION ESTIMATES BASED ON THE STRATIFICATION OF THE ATMOSPHERIC CONTACT LAYER

SALAT J., Umbert M., Ballabrera J.

PS3.3 FULLY COUPLED MODELING OF THE OCEAN WAVE - ATMOSPHERE INTERACTIONS ON LOCAL SCALES

ROLAND A., Cavaleri L., Dutour-Sikiric M., Bertotti L., Torrisi L.

PS3.4 FREQUENCY OF RAPID CHANGES IN SURFACE PRESSURE OVER MEDITERRANEAN

TUDOR M.

PS3.5 EVALUATION OF RCM AGAINST LONG-TERM IN-SITU BUOYS DATASET

LEBEAUPIN BROSSIER C., Somot S., Belamari S., Bouin M.N., Alias A., Sevault F.

PS3.6 INTERANNUAL VARIABILITY OF MODELLED WINDS AND LINK WITH VOLATILITY OF SPRING SST OVER EASTERN ADRIATIC

IVATEK-ŠAHDAN S., Horvath K., Tudor M., Bajić A.

PS3.7 COUPLING NEMO-MED12 AND COSMO/CLM FOR THE MEDITERRANEAN SEA

BRAUCH J., Ahrens B.

PS3.8 WINTER 1956 IN CROATIA

TUDOR M., Ivatek-Šahdan S., Bajić A.

PS3.9 DYNAMICAL DOWNSCALING OF CMIP5 HISTORICAL SIMULATIONS: REPRESENTATION OF REGIONAL CYCLOGENESIS AND A NEW TRACKING ALGORITHM

FLAOUNAS E., Drobinski P., Bastin S., Kotroni V., Lagouvardos K.

PS3.10 THE METEOROLOGICAL ASPECTS OF THE DART FIELD EXPERIMENT OVER ADRIATIC IN 2006

TUDOR M.

PS3.11 PV AND MOISTURE IN MEDITERRANEAN CYCLONES IN COMPARISON WITH OTHER EXTRATROPICAL REGIONS

CAMPA J., Wernli H., Corsmeier, U

PS3.12 NUDGING IN REGIONAL CLIMATE MODELLING: WHAT SHOULD WE NUDGE?

OMRANI H., Drobinski P., Dubos T.

PS3.13 MED-CORDEX INITIATIVE: REGIONAL CLIMATE SYSTEM MODELS TO STUDY THE MEDITERRANEAN CLIMATE VARIABILITY, CHANGE AND IMPACT

SOMOT S., the MedCORDEX team

PS3.14 20-YEARS SIMULATION OVER THE MEDITERRANEAN BASIN WITH THE ATMOSPHERE-OCEAN COUPLED REGIONAL MODEL PROMES-MOSLEF: PRELIMINARY RESULTS

GALAN DEL SASTRE P., Gallardo C., Patiño E., Tejada C., Bermejo R., Gaertner M. A.

PS3.15 VERIFICATION OF GLOBAL INSTABILITY INDEX, DERIVED FROM SATELLITE DATA OVER WIDER CROATIAN AREA

SMILJANIĆ I., Strelec Mahović N., Telišman Prtenjak M.

PS3.16 FINE-SCALE NUMERICAL STUDY OF THE 27/10/2011 AND 03/11/2011 HEAVY PRECIPITATING EVENTS OVER CATALONIA AND ANDORRA.

TRAPERO L., Duffourg F., Ducrocq V., Bech J., Lorente J.

PS3.17 TRIGGERING AND SUPPORT MECHANISMS OF THE CATASTROPHIC HEAVY RAINFALL OVER THE VAR REGION (JUNE 2010)

BRESSON E., Ducrocq V., Duffourg F., Nuissier O., Nuret M.

PS3.18 LIGHTNING ACTIVITY AS AN INDICATOR OF SEVERE CONVECTIVE STORMS WITH THE OVERSHOOTING TOPS

MIKUŠ P., Strelec Mahović N.

PS3.19 ANALYSIS OF THE 21ST-23RD NOVEMBER 2011 HEAVY RAINFALL EVENT IN CALABRIA REGION

FUSTO F. , Arcuri S., Marsico L., Rotundo R., Niccoli R.

PS3.20 FEBRUARY 2012 WINTER CONDITIONS IN CROATIA

TUDOR M., Ivatek-Šahdan S., Stanešić A., Mazzocco Drvar D.

PS3.21 GPS PW MONITORING DURING THE NOVEMBER 4-7, 2011 IN NAVARRE (SPAIN)

SERNA E., Ramirez F., Garcia R., Prieto E., Matesanz J., Seco A.