COMBINE 2017 Schedule

Day	Title/topic & speaker	Topic	Room	Slot
Monday				
9:00	Registration and breakfast		Atrium	
	Session 1			
10:30	Welcome (UNIMIB)		Martini (U6-04)	
10:45	James Faeder		Martini (U6-04)	
11:45			Martini (U6-04)	
12:00	Lunch		Free	
	Session 2			
14:00	Carlos Lopez		Martini (U6-04)	
14:45	Marco Nobile		Martini (U6-04)	
15:30	Break		Atrium	
	Session 3			
16:00	Padraig Gleeson		Martini (U6-04)	
16:45	Shailesh Appukuttan		Martini (U6-04)	
17:30	Daily Wrap-up		Martini (U6-04)	
Tuesday				
8:30	Breakfast			
	Session 4			
9:00	Rahuman Sheriff, Varun B Kothamachu, Tung Nguyen, Mihai Glont, Sarala Wimalaratne, Sarah Keating, Nicolas Rodriguez, Nick Juty, Vijayalakshmi Chelliah, Nicolas Le Novère and Henning Hermjakob - Resources for semantic enrichment and sharing of models in standard formats	Model Sharing	Martini (U6-04)	1
9:15	Mihai Glont, Tung Nguyen, Raza Ali, Rahuman Sheriff, Nick Juty, Camille Laibe, Vijayalakshmi Chelliah, Nicolas Le Novere and Henning Hermjakob - Towards a new infrastructure for BioModels	Model Sharing	Martini (U6-04)	2
9:30	Varun B Kothamachu, Rahuman Sheriff, Mihai Glont, Nguyen Tung, Vijayalakshmi Chelliah, Nicolas Le Novère and Henning Hermjakob - BioModels: Sharing computational models of biological processes	Model Sharing	Martini (U6-04)	3
9:45	Vasundra Tourè, Åsmund Flobak, Astrid Lægreid and Martin Kuiper - Extraction and representation of causal statements: Creating a model building resource for Systems Biology	Modeling	Martini (U6-04)	4
10:00	Discussion			
10:30	Break		Atrium	

COMBINE 2017 Schedule

Day	Title/topic & speaker	Topic	Room	Slot
	Session 5			
11:00	Mirco Tribastone - Reduction of ordinary differential equations with ERODE	Modeling	Martini (U6-04)	5
11:15	Claudine Chaouiya, Laurence Calzone, Tomas Helikar, Céline Hernandez, Pedro Monteiro, Aurélien Naldi, Denis Thieffry and Dagmar Waltemath - Standardisation effort from the Consortium for Logical Models and Tools (CoLoMoTo)	Modeling	Martini (U6-04)	6
11:30	Fengkai Zhang and Martin Meier-Schellersheim - Release of SBML Multi — A milestone in addressing rule-based modeling interoperability challenges	SBML	Martini (U6-04)	8
11:45	Nicolas Rodriguez, Thomas M. Hamm, Roman Schulte, Leandro Watanabe, Ibrahim Y. Vazirabad, Victor Kofia, Chris J. Myers, Akira Funahashi, Nicolas Le Novère, Michael Hucka and Andreas Dräger - The JSBML project: a fully featured Java API for working with systems biological models	SBML	Martini (U6-04)	9
12:00	Andra Waagmeester, Sarah Keating, Alexander Pico, Henning Hermjakob and Andrew Su - Standardizing Pathway Entries to Wikidata	Pathways	Martini (U6-04)	20
12:15	Discussion			
12:45	Lunch		Free	
14:00	Parallel Breakouts 1 2 3			
			Martini (U6-04)	
			Statistica1	
			Statistica 2	
15:30	Break		Atrium	
16:00	Parallel Brekouts 4 5 6			
			Martini (U6-04)	
			Statistica 1	
			Statistica 2	
17:30	Daily Wrap-up		Martini (U6-04)	
Wednesday				
8:30	Breakfast		Atrium	
	Session 6			
9:00	Miguel de Alba, Carolina Plaza Rodríguez and Matthias Filter - Extensible model metadata in FSK-ML — A Standard for annotation and exchange of executable script based models	Annotation	Martini (U6-04)	16

COMBINE 2017 Schedule			
Day	**Title/topic & speaker**	**Topic**	**Room**	**Slot**
9:15	Karam Kim, Reza Kalbasi, Koray Atalag, David Nickerson and John Gennari - Linking Clinical Data with Computational Physiology Models Using Semantic Annotations	Annotation	Martini (U6-04)	17
9:30	Matej Troják, David Šafránek, Jakub Šalagovič, Františka Romanovská and Matej Hajnal - Biochemical Space: A Framework for Formal Description and Annotation of Complex Biological Processes	Annotations	Martini (U6-04)	18
9:45	Discussion			
10:15	Break		Atrium	
	Session 7			
10:45	James Alastair McLaughlin, Göksel Mısırlı and Anil Wipat - Standards for Data Integration in Synthetic Biology	SBOL	Martini (U6-04)	10
11:00	Alasdair Humphries, James Alastair McLaughlin and Anil Wipat - Encoding recipes for experimental implementation in SBOL	SBOL	Martini (U6-04)	11
11:15	Bryan Bartley, Jacob Beal, John Gennari, Angel Goni-Moreno, Raik Gruenberg, Maciej Holowko, Ali Humphries, Vishwesh Kulkarni, Curtis Madsen, James McLaughlin, Göksel Mısırlı, Chris Myers, Tramy Nguyen, Ernst Oberortner, Matthew Pocock, Nicholas Roehner, Meher Samineni, Herbert Sauro, James Skelton, Leandro Watanabe and Anil Wipat - Representing the Design-Build-Test-Learn Cycle with the Synthetic Biology Open Language	SBOL	Martini (U6-04)	27
11:30	Bryan Bartley, Herbert Sauro and John Gennari - Automated Coupling of Circuit and Chassis for Synthetic Biology	SBOL	Martini (U6-04)	12
11:45	Zach Zundel, James McLaughlin, Chris Myers and Anil Wipat - Recent Updates to the SynBioHub Data Repository	SBOL	Martini (U6-04)	15
12:00	Discussion			
12:30	Lunch		Free	
14:00	Parallel Breakouts 7 8 9			
			Martini (U6-04)	
			Statistica 1	
			Statistica 2	
15:30	Break		Atrium	
16:00	Parallel Breakouts 10 11 12			
			Martini (U6-04)	
			Starisitca 1	
			Statistica 2	
17:30	Daily Wrap-up		Martini (U6-04)	

COMBINE 2017 Schedule

Day	Title/topic & speaker	Topic	Room	Slot
Thursday				
	Session 8 (CHARME)			
9:00	Martin Golebiewski		Martini (U6-04)	
9:45	Chris Evelo		Martini (U6-04)	
10:30	Break		Atrium	
	Session 9			
11:00	Igor Rodchenkov, Augustin Luna, Emek Demir, Özgün Babur, Jeffrey Wong, Chris Sander and Gary Bader - Access and Discover Biological Pathway Information from Pathway Commons and BioPAX	BioPax/Pathways	Martini (U6-04)	19
11:15	Zaynab Hammoud and Frank Kramer - Implementing a multilayer framework for pathway data integration, analysis and visualization	BioPax/Pathways	Martini (U6-04)	21
11:30	Augustin Luna, Alexander Mazein, Ugur Dogrusoz, Robin Haw, Tobias Czauderna and Vasundra Toure - Introduction and Current Status of the Systems Biology Graphical Notation (SBGN)	SBGN	Martini (U6-04)	22
11:45	Adrien Rougny and Christine Froidevaux - SBGNLog: a translation of SBGN PD and SBGN AF into first-order logic to reason on molecular networks	SBGN	Martini (U6-04)	23
12:00	Andreas Dräger, Zachary A. King, James T. Yurkovich, Christoph Blessing, Devesh Khandelwal, Ali Ebrahim, Nikolaus Sonnenschein, Nathan E. Lewis and Bernhard O. Palsson - Visualization and Creation of Biochemical Networks with Escher	SBGN	Martini (U6-04)	24
12:15	Discussion			
12:45	Lunch		Free	
14:00	Parallel Breakouts 13 14 15			
	CHARME WG		de Lillo	
			Martini (U6-04)	
			Statistica 1	
			Statistica 2	
15:30	Break		Atrium	
16:00	Parallel Breakouts 16 17 18			
	CHARME WG		de Lillo	
			Martini (U6-04)	
			Statistica 1	
			Statistica 2	

COMBINE 2017 Schedule

Day	Title/topic & speaker	Topic	Room	Slot
17:30	Daily Wrap-up		Martini (U6-04)	
19:00	Social dinner			
Friday				
8:30	Breakfast		Atrium	
	Session 12			
9:00	Zachary Palchick, Barbara Frewen and Aaron Kimball - DNA Specifications and Codon: Expressing Combinatorial Designs at Scale	SBOL	Martini (U6-04)	13
9:15	Nicholas Roehner and Jacob Beal - Representing Combinatorial Genetic Designs	SBOL	Martini (U6-04)	14
9:30	Ruud Stoof and Ángel Goñi Moreno - Genetic networks in 3D - Requirements for an SBOL spatial package	SBOL	Martini (U6-04)	25
9:45	Bryan Bartley, Jacob Beal, Robert Sidney Cox, Thomas Gorochowski, Augustin Luna, James McLaughlin, Chris Myers, Tramy Nguyen, Ernst Oberortner, Nicholas Roehner, Herbert Sauro and Anil Wipat - Improving the SBOL Visual Glyph Collection	SBOL	Martini (U6-04)	26
10:00	Goksel Misirli, James Alastair Mclaughlin, Angel Goni-Moreno, Anil Wipat and Phillip Lord - Tawny-SBOL: Using ontologies to design and constrain genetic circuits	SBOL	Martini (U6-04)	28
10:15	Boyang Dun, Chris Myers and Harold Fellermann - An Infobiotics Workbench Conversion Tool for SBOL and SBML	SBOL/SBML	Martini (U6-04)	7
10:30	Discussion			
	Session 12b (CHARME)			
9:00	CHARME WG		de Lillo	
11:00	Break		Atrium	
11:30	Areas of Collaboration and Coordination			
	COMBINE: A community of communities		Martini (U6-04)	
	Final greetings			
13:00	Final Lunch		Atrium	
	Posters (These will be on display in the Atrium Monday to Wednesday)			