Overview Scientific Program - Tuesday, June 16

TIME	Ettore Pennestrì room	Thomas R. Kane room	Kurt Magnus room	Javier G. de Jalón room
09:30 - 10:20	**Opening Ceremony** (Salón de Actos)			
10:20 - 11:20	**Keynote - Elena Celledoni** (Salón de Actos) Structure preservation and deep learning for learning mechanical systems from data.			
11:20 - 11:50	*Coffee Break*			
11:50 - 12:50	**S1.1:** Control, Mechatronics, and Robotics	**S1.2:** Applications, Multidisciplinary Methods, and Other Topics	**S1.3:** Flexible Multibody Systems	**S1.4:** Contact, Impact, and Constraints
12:50 - 14:20	*Lunch*			
14:20 - 16:00	**S2.1:** Control, Mechatronics, and Robotics	**S2.2:** Applications, Multidisciplinary Methods, and Other Topics	**S2.3:** Flexible Multibody Systems	**S2.4:** Contact, Impact, and Constraints
16:00 - 16:30	*Coffee Break*			
16:30 - 18:10	**S3.1:** Optimization, Sensitivity Analysis, and Parameter Identification	**S3.2:** Dynamics of Vehicles	**S3.3:** Computational Methods and Real-Time Applications	**S3.4:** Biomechanics
20:00 - 22:00	**Welcome cocktail**			

Overview Scientific Program - Wednesday, June 17

TIME	Ettore Pennestrì room	Thomas R. Kane room	Kurt Magnus room	Javier G. de Jalón room
08:30 - 09:30	**Keynote - Inna Sharf** Multibody Dynamics Simulation in Robotics: Use-cases, Applications and Challenges.			
09:40 - 11:00	**S4.1:** Optimization, Sensitivity Analysis, and Parameter Identification	**S4.2:** Applications, Multidisciplinary Methods, and Other Topics	**S4.3:** Computational Methods and Real-Time Applications	**S4.4:** Data-driven & Machine Learning-based Applications
11:00 - 11:30	*Coffee Break*			
11:30 - 12:50	**S5.1:** Optimization, Sensitivity Analysis, and Parameter Identification	**S5.2:** Applications, Multidisciplinary Methods, and Other Topics	**S5.3:** Modelling, Formalisms, and Theoretical Methods	**S5.4:** Biomechanics
12:50 - 14:20	*Lunch*			
14:20 - 16:00	**S6.1:** Control, Mechatronics, and Robotics	**S6.2:** Dynamics of Vehicles	**S6.3:** Flexible Multibody Systems	**S6.4:** Biomechanics
16:00 - 16:30	*Coffee Break*			
16:30 - 18:10	**S7.1:** Control, Mechatronics, and Robotics	**S7.2:** Dynamics of Vehicles	**S7.3:** Flexible Multibody Systems	**S7.4:** Contact, Impact, and Constraints
20:00 - 21:30	**Private Visit to the Royal Alcázar of Sevilla**			

Overview Scientific Program - Thursday, June 18

TIME	Ettore Pennestrì room	Thomas R. Kane room	Kurt Magnus room	Javier G. de Jalón room
08:30 - 09:30	**Keynote - Qirong Tang** Multibody System Dynamics in Robotic Applications: Barries and Bridges.			
09:40 - 11:00	**S8.1:** Optimization, Sensitivity Analysis, and Parameter Identification	**S8.2:** Applications, Multidisciplinary Methods, and Other Topics	**S8.3:** Computational Methods and Real-Time Applications	**S8.4:** Data-driven & Machine Learning-based Applications
11:00 - 11:30	*Coffee Break*			
11:30 - 12:50	**S9.1:** Optimization, Sensitivity Analysis, and Parameter Identification	**S9.2:** Dynamics of Vehicles	**S9.3:** Modelling, Formalisms, and Theoretical Methods	**S9.4:** Data-driven & Machine Learning-based Applications
12:50 - 14:20	*Lunch*			
14:20 - 16:00	**S10.1:** Control, Mechatronics, and Robotics	**S10.2:** Dynamics of Vehicles	**S10.3:** Flexible Multibody Systems	**S10.4:** Contact, Impact, and Constraints
16:00 - 16:30	*Coffee Break*			
16:30 - 18:10	**S11.1:** Control, Mechatronics, and Robotics	**S11.2:** Dynamics of Vehicles	**S11.3:** Flexible Multibody Systems	**S11.4:** Contact, Impact, and Constraints
21:00 - 23:00	**Gala dinner**			

Overview Scientific Program - Friday, June 19

TIME	Ettore Pennestrì room	Thomas R. Kane room	Kurt Magnus room	Javier G. de Jalón room
08:30 - 09:30	**Keynote - Daniel Dopico** Optimization of the dynamics of multibody systems and applications.			
09:40 - 11:00	**S12.1:** Control, Mechatronics, and Robotics	**S12.2:** Applications, Multidisciplinary Methods, and Other Topics	**S12.3:** Modelling, Formalisms, and Theoretical Methods	**S12.4:** Data-driven & Machine Learning-based Applications
11:00 - 11:30	*Coffee Break*			
11:30 - 12:20	**Closing Ceremony**			
12:20 - 13:50	*Lunch*			