

Program of the Summer School “TRIBOLOGY TODAY 2018 – From Research Labs to Industry” in Marrakesh

	Monday (April 9)	Tuesday (April 10)	Wednesday (April 11)	Thursday (April 12)	Friday (April 13)
	Introduction/Lubrication	Tribochemistry/EHL	Mechanical Systems	Biotribology/Nanotrib.	Contact Mechanics
	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
8:30 – 10:00	(8:00) Registration (9:00) Welcome	Quantum Molecular Dynamic Insights into Tribochemistry <i>Michael Moseler</i> <i>Fraunhofer IWM, Freiburg</i>	Modeling of Friction in Mechanical Systems <i>Wolfgang Seemann</i> <i>Karlsruhe Institute of Technology</i>	Introduction to Biotribology <i>Francesco Massi</i> <i>La Sapienza, Rome</i>	Numerical Approach for Dry Friction Contacts <i>Mathieu Renouf</i> <i>Université de Montpellier</i>
	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:30 – 12:00	General Introduction to Tribology <i>John Tichy</i> <i>Rensselaer Polytechnic Institute, New York</i>	Seal Contacts <i>Fatima Bouyahia</i> <i>ENSA Marrakech</i>	Modeling of Contacts in Mechanical Systems <i>Jens Deppler</i> <i>Karlsruhe Institute of Technology</i>	Tactile Perception in Biotribological Systems <i>Francesco Massi</i> <i>La Sapienza, Rome</i>	Contact Mechanics <i>Lars Pastewka</i> <i>Universität Freiburg</i> (12:00) Closing
	Lunch	Lunch	Lunch	Lunch	Lunch
14:00 – 15:30	Lubrication (Part I): Theory and Numerical Simulation <i>Benyebka Bou-Saïd</i> <i>INSA Lyon</i>	EHL Contacts in Industrial Applications <i>Guillermo Morales-Espejel</i> <i>SKF Engineering and Research Centre</i>	Round Table with Moroccan Industry	Nanofriction <i>Martin Dienwiebel</i> <i>Karlsruhe Institute of Technology</i>	Marrakesh City Tour
	Coffee Break	Coffee Break	Coffee Break		
16:00 – 17:30	Lubrication (Part II): Experimental Aspects <i>Jean Bouyer</i> <i>Institut P', Poitiers</i>	Nanoscale Phenomena in EHL <i>Daniele Savio</i> <i>Fraunhofer IWM, Freiburg</i>	Poster Session Organized by <i>Michel Fillon</i> <i>Institut P', Poitiers</i>		
			Barbecue Dinner		

