

	Monday, Jan 25th	Tuesday, Jan 26th	Wednesday, Jan 27th	Thursday, Jan 28th	Friday, Jan 29th	Length (minutes)
8:45		Coffee	coffee	Coffee	Coffee	
9:15		Alvo Aabloo: Basics of Ionic Electroactive Polymer Actuators	Sebastien Grondel: Introduction to the modeling of ionic polymer systems using distributed and lumped parameter descriptions	Torbio Otero: Artificial muscles as linear faradaic motors and tools to clarify the actuation model	Tomas Brage: What does Gender have to do with Physics and Science?	90
10:45		Rudolf Kiefer: Electrolyte and solvent effects in linear conducting polymer actuators	John Madden: Physical basis of linear and non-linear models, and their application to conducting polymers, carbon nanotubes and beyond	Jose Martinez: Modeling of dual sensing and actuating properties from electrochemical actuators		45
11:30		Meal	Meal	Meal	Meal	45
12:15		Kinji Asaka: Ionic bending EAP actuators based on various electrode materials	Edwin Jager: Applications and commercialization	Hyacinthe: Redox reactions and intercalation processes. Electromechanical model for electrochemical actuators		60
13:15			Indrek Rebane: Engineering startups and business accelerators			30
13:45		Cedric Plesse: Conducting IPN for multifunctional materials	Arti Ahluwalia: Dielectric elastomers in in-vitro models	Salvatore Graziani: IPMC based sensing systems: Realization, modelling, and characterization		90
15:15		Break	Break	Break		15
15:30		Tour to Labs	Tommaso Sbrana: Found a startup: the day after	Indrek Tallo: Carbide Derived Carbon Actuators		45
16:15		Van Kessel Rick: EAP going big: the S3 Wave Energy Converter	Viljar Palmre: Development of IPMC actuators for soft robotic applications (Skype)	Laura Luz Valero Consuelo: Bilayer Artificial Muscles: creeping effects during actuation	45	
17:00		Break	Break	Break	Open Day	15
17:15		Experimental: Fabrication and characterization of reinforced actuator using brush and aerograph	Experimental: Plating, characterization, measurements	17:30 A.LeCoq Tartu Brewery 20:00 Meal and Sauna		120
19:15	Experimental: lab security, formation of working groups, preparation of					
21:00	Meal in APARAAT	Dinner in Ülikooli Kohvik	Meal in APARAAT			