



XIII Finnish Mechanics Days 2018

August 29–31
Aalto University
Helsinki, Finland



Diamond Partner *Wärtsilä*



Golden Partner *EDRMedeso*



City of Helsinki

Host Partner *City of Helsinki*



Silver Partners *Comsol, Foreship, HBM Finland, Infradex, Sweco Rakennetekniikka, Teknologiateollisuus*



Bronze Partners *BY Suomen Betoniyhdistys, Insinööritoimisto FEMdata, Global Boiler Works, Ramboll, RIL Suomen Rakennusinsinöörin Liitto, Solwers*

Program Frame for the XIII Finnish Mechanics Days 2018

Wednesday, August 29	
17.30–17.45	Arrival to Reception at Helsinki Town Hall, Aleksanterinkatu 20
18.00–19.00	City of Helsinki Reception, Empiresali
19.15	Get-together night at Brewery-Restaurant Bryggeri Helsinki, Sofiankatu 2

Thursday, August 30				
8.00–9.00	Registration at Chydenia, Runeberginkatu 22–24, 1st floor lobby			
9.00–9.15	Opening, Vice Dean Pentti Kujala, Room H324 (Saastamoisen Säätiö, 3rd floor)			
9.15–10.00	Plenary Lecture 1 , Room H324 (Saastamoisen Säätiö, 3rd floor) Prof. Emer. Laszlo Fuchs, KTH, Sweden <i>Fluid mechanics of blood flow in life saving devices: accomplishments and challenges</i> Word for Diamond Partner			
10.00–10.30	Coffee Break (Registration), ground floor lobby			
10.30–12.30	Session 1A , H324 Computation 1	Session 1B , G111 Fluids 1	Session 1C , G112 Materials 1	Session 1D , G109 Structures 1
12.30–13.30	Lunch at Fazer Chydenia (Registration), ground floor restaurant			
13.30–14.15	Plenary Lecture 2 , Room H324 (Saastamoisen Säätiö, 3rd floor) Prof. Emer. Viggo Tvergaard, DTU, Denmark <i>Modelling ductile fracture at moderate to low stress triaxiality</i> Word for Golden Partner			
14.15–14.45	Coffee Break (Registration), ground floor lobby			
14.45–16.45	Session 2A , H324 Computation 2	Session 2B , G111 Fluids 2	Session 2C , G112 Materials 2	Session 2D , G109 Models
17.00–18.00	Brainstorming Sessions on Collaboration Across the Borders, Room H324			
20.00–23.00	Banquet at Restaurant Meripaviljonki, Säästöpankinranta 3, Helsinki			

Friday, August 31				
9.15–11.15	Session 3A , H324 Computation 3	Session 3B , G111 Ice, Rock 'n' Soil	Session 3C , G112 Materials 3	Session 3D , G109 Structures 2
11.15–11.45	Coffee Break (Registration), ground floor lobby			
11.45–12.30	Plenary Lecture 3 , Room H324 (Saastamoisen Säätiö, 3rd floor) CEO, DSc (Tech) Patrik Rautaheimo: <i>Use of numerical simulations in engineering and design</i> Word for Diamond Partner			
12.30–13.30	Lunch at Amica Chydenia, ground floor restaurant			
13.30–15.30	Session 4A , H324 Computation 4	Session 4B , G111 Machines	Session 4C , H324 Materials 4	Session 4D , G109 Structures 3
15.30–15.45	Closing, Conference Chairs			
15.45–16.15	Farewell Coffee, ground floor lobby			

Note: Speakers are asked to meet the Session Chair/Assistant in the session room about 15 minutes before the start of session for the technicalities related to files, computers, pointers etc.