

**Programme**      **October 2 - 4, 2024, Jyväskylä (Rajakatu 35, 40200 Jyväskylä, Finland)**  
**The XV Finnish Mechanics Days in association with IFME 2024 Forum**

Time	Place	Wednesday 2.10.			
9:00	F1/FP05	Registration & Coffee	F1 Lobby	FP05 Auditorium Valjakka lobby	
9:30	FP05	<b>Opening words</b>			
	Chair	Tero Tuovinen			
10:00	FP05	<b>Plenary 1: Rolf Stenberg</b>			
	Title	Finite elements for elastic contact – Penalty and Nitsche			
10:45	FP05	<b>Plenary 2: Fredrik Larsson</b>			
	Title	On finite element procedures for efficient multiscale modeling in solid mechanic			
11:30	Rajakatu	Lunch	Ravintola Twist	Café Curve	
12:30		<b>Parallel sessions</b>			
	Place	D148	D149	F304	F305
	Chair(s)	Anneli Kakko and Silvia Satorres	Peter Råback	Tero Tuovinen	Timo Saksala / Elja Kallberg
	Session	IFME 1: Industry, innovation and infrastructure	1: Finite element analysis 1	2: Digital twins and artificial intelligence	3: Computational fluid dynamics / 4: Thin structures
14:30	FP05	Coffee	F1 Lobby	FP05 Auditorium Valjakka lobby	
15:00	FP05	<b>Round Table 1: Tutkimusyhteistyö – yliopistojen, tutkimuslaitosten ja yritysten roolit</b>			
	Chair	Jarkko Niiranen			
16:00		End	Bus to Ylistö	Rajakatu 35, D1	
16:30	Ylistö	Optional: JYU laboratory		Survontie 9 D	
17:30		End of tour	Walk to Aalto2	Alvar Aallon katu 7	
17:30		Bus to Aalto2	Rajakatu 35, D1 / Hannikaisenkatu 35		
18:00	Aalto2	<b>Welcome Cocktail and Tour at Aalto2 museum center</b>			<b>Alvar Aallon katu 7</b>
19:30		End	Bus to city centre/Rajakatu		
20:00			Bus to city centre/Rajakatu		

Time	Place	Thursday 3.10.		
10:00	F1/FP05	Registration & Coffee	F1 Lobby	FP05 Auditorium Valjakka lobby
10:30	FP05	<b>Plenary 3: Marcelo Dias</b>		
	Title	Is Fracture Failure or Function? The Two Sides of Meta-materials		
	Chair	Jarkko Niiranen		
11:30	Rajakatu	Lunch	Ravintola Twist	Café Curve
12:30		<b>Parallel sessions</b>		
	Place	D148	D149	F304 F305
	Chair(s)	Anneli Kakko and Ciprian Lapusan	Antti Niemi	Sven Bossuyt and Mikko Hokka Tero Frondelius
	Session	IFME 2: Education in the digital age and applied research	5: Fracture, damage and wear	MS1: Imaging and image-based methods in experimental mechanics MS2: Industry cases
14:30	FP05	Coffee	F1 Lobby	FP05 Auditorium Valjakka lobby
15:00	FP05	<b>Round Table 2: Advancing researcher training in advanced manufacturing: innovative educational and collaborative models in Finland</b>		
	Chair	Heidi Piili		
16:00		End		
16:30	Rajakatu	Optional: Jamk laboratory		
17:30		End of tour		
Open until 18:00		<a href="#">Optional: the Natural History Museum of Central Finland</a>		Ihantolantie 5
Open until 22:00		Optional: the Vesilinna observation tower		Ihantolantie 5
19:00	Vesilinna	Dinner	Café & Restaurant Vesilinna	Ihantolantie 5
22:30		End		

Time	Place	Friday 4.10.		
9:30	F1/FP05	Registration & Coffee	F1 Lobby	FP05 lobby
10:00		<b>Parallel sessions</b>		
	Place	D148	D149	F304
	Chair	Anneli Kakko and Gia-Khanh Pham	Tero Frondelius and Reijo Kouhia	Pekka Neittaanmäki
	Session	IFME 3: Industry, innovation and infrastructure	MS3: Fatigue-analysis, experiments and design	6: Vibration and stability
11:30	Rajakatu	Lunch	Ravintola Twist	Café Curve
12:30		<b>Parallel sessions</b>		
	Place	D148	D149	F304
	Chair	Tero Tuovinen	Heidi Piili	Reijo Kouhia
	Session	7: Finite element analysis 2	8: Additive manufacturing	9: Analysis
13:30	FP05	Coffee	F1 Lobby	FP05 lobby
14:00	FP05	<b>Plenary 4: Giovanni Meneghetti</b>		
	Title	The Peak Stress Method for the automated FEA-assisted design of welded structures subjected to constant and variable amplitude multiaxial fatigue loads		
	Chair	Reijo Kouhia		
14:45	FP05	<b>Closing words</b>		
15:00		End		