

Symposium / Monday, June 13, 2022			
	Hall 1	Hall 2	Hall 3
08:45	Greeting: Prof. Schmitz (ifas)		
09:00	Tribology	Electrification	Special Applications
	Brinkmann (Bosch Rexroth)	Zappaterra (Purdue University)	Holl (JKU Linz)
	Holzner (ifas, RWTH Aachen)	Reichert (Fraunhofer Institute)	Farsakoglou (Aalborg University)
	Horn (TU Dresden)	Bissbort (HydraForce Hydraulics)	Rituraj (JKU Linz)
	Shen (Zhejiang University)	Cai (Huaqiao University)	Fischer (ifas, RWTH Aachen)
10:20	Break		
10:40	Mobile Applications	EHA	Systems I
	Ritz (TU Dresden)	Popken (TU Dresden)	Pelz (TU Darmstadt)
	Lengacher (Purdue University)	Merkel (ifas)	Šitum (University of Zagreb)
	Deuster (ifas, RWTH Aachen)	Schulze (TU Dresden)	Janković (University of Ljubljana)
	Beck (TU Dresden)	YR: Schlegel	Düsing (XCMG)
12:00	Break		
13:00	Manufacturing	Seals	Systems II
	Dvořáček (Argo-Hytos)	Feuchtmüller (U Stuttgart)	Abdul Azeez (Tampere University)
	Guse (ifas, RWTH Aachen)	Wittmaack (HS Hannover)	Laube (Bosch Rexroth)
	Michiels (KIT)	Fricker (University of Stuttgart)	Köhler (TU Dresden)
	Mommers (INNAS BV)	Michael (Milwaukee S of Eng)	Fioravanti (CNR-STEMS)
	Reetz (OTTO FUCHS)	Hahn (University of Stuttgart)	Yao (Huaqiao University)
14:40	Break		
15:00	Digitization	Components	Fluids
	Brumand (ifas, RWTH Aachen)	Rexer (TU Darmstadt)	Lovrec (University of Maribor)
	Schraft (Moog)	Pate (Purdue University)	Bulutcu (TU Braunschweig)
	Wetterich (TU Darmstadt)	Monterosso (OMIQ srl)	Osterland (TU Dresden)
	Liu (Bosch Rexroth)	Wang (Yanshan University)	Wohlens (Hochschule Trier)
	Li (Yanshan University)	YR: Tappeiner	Mehrnia (TU Darmstadt)
16:40	Break		
18:00	Laboratory Party		

Conference 1 / Tuesday, June 14, 2022			
	Hall 1	Hall 2	Hall 3
09:00	Opening Ceremony		
	Vice-Rector of RWTH Aachen University - Prof. Brettel		
	Mayor of Aachen - Ms. Keupen		
	VDMA President - Mr. Haeusgen		
	VDMA Trade Association Fluid Power		
10:10	PL: Potentials of fluid power technology Prof. Schmitz (ifas, RWTH Aachen)		
10:40	Break		
11:10	PL: Future CO2-neutral propulsion and their impact on fluid technical systems Prof. Pischinger (FEV & TME, RWTH Aachen)		
11:50	PL: Sustainable hydraulics for industrial and mobile applications Dr. Haack (Bosch Rexroth)		
12:30	Break		
13:30	Mobile Hydraulics	Cylinder Control	Fluids & Fuels
	OL: Imhorst (McKinsey)	OL: De Negri (U Santa Catarina)	OL: Mueller (Shell)
	Tetik (Bosch Rexroth)	Hutcheson (Danfoss)	Pasquini (FLUIDON)
	Antoni (Argo-Hytos)	Schlemmer (Moog)	Van Bebber (Ford)
	Marshall (Danfoss)	Hao (Taiyuan University)	Kloft (HYDAC)
15:00	Break		
15:30	Digital Industries	Design of Mobile Systems	Simulation
	OL: Krieg (Bosch Rexroth)	Raduenz (Linköping University)	OL: Lauer-Baré (Hiltite Intern.)
	Makansi (ifas, RWTH Aachen)	Fassbender (Tampere University)	Weber (Gamma Technologies)
	Torikka (Bosch Rexroth)	Oppenoorth (ifas, RWTH Aachen)	Müller (FLUIDON)
	Logan (TU Darmstadt)	OL: Finzel (Wacker Neuson)	Sendelbach (Bosch Rexroth)
17:00	Break		
17:20	PL: Generation Z Hr. Maas (Institut für Generationenforschung)		
18:00	Break		
19:00	Get-Together (Eurogress), Advancement Award, GFPS Best Paper Award		

Conference 2 / Wednesday, June 15, 2022			
	Hall 1	Hall 2	Hall 3
09:00	Pumps & Data	Academic Education	Pneumatics I
	OL: Kruessmann (Bosch Rexroth)	Academic education in Germany - Anders (HS Furtwangen)	OL: Gauchel (Festo)
	Abdul Azeez (Tampere University)		Nazarov (TU Dresden)
	Schumacher (Danfoss)	Academic Education in Purdue - Liu (Zhejiang University)	De Carvalho Ferreira (Univ Lyon)
		Vacca (University of Purdue)	Bauer (ifas, RWTH Aachen)
10:30	Break		
11:00	PL: EU energy efficiency policy Ms. Canevari (European Commission)		
11:30	PL: Call for action towards a sustainable future Mr. Overlack (McKinsey)		
12:00	PL: Development & Future of Pneumatics Prof. Post (Festo / German Council of Science and Humanities)		
12:30	Break		
13:30	Pumps	Components	Pneumatics II
	OL: Lehner (Liebherr)	OL: Minav (Tampere University)	OL: Britzger (Emerson)
	Achten (INNAS BV)	Ganassi (Walvoil)	Merkelbach (NORGREN)
	Shorbagy (TU Dresden)	Vacca (Purdue University)	Stegmaier (U Stuttgart)
	Lagarde (Danfoss)	Rigosi (Casappa SpA)	Reese (ifas, RWTH Aachen)
15:00	Break		
15:30	Mobile Systems & I 4.0	Valve Actuation	Microfluidics
	OL: Lange (Weichai Power)	OL: Hucko (ifas, RWTH Aachen)	OL: Reinertz (ifas, RWTH Aachen)
	Demir (Robert Bosch)	Richter (Thomas Magnete)	Effner (TU Dresden)
	Haas (ifas, RWTH Aachen)	Duarte da Silva (Bosch Rexroth)	Van den Brink (Holmatro)
16:45	Farewell		

PL: Plenary Lecture
OL: Overview Lecture
YR: Young Researcher's Presentation



FLUID POWER: DIGITAL, RELIABLE, SUSTAINABLE