

SCIENTIFIC PROGRAMME
ORAL PRESENTATIONS

Wednesday, 30 May – Morning

OPENING SPEECHES – 9:00–10:10 in Room #5

- 9:00 **Welcome speech**
by *Prof. Takács János*, president of GTE
- 9:15 **Opening**
by *Prof. Günter Hohl*, President of EAEC
- 9:30 **Greeting**
by *Dr. Akihiko Saito*, President of Fisita
- 9:45 **Changes and actualities in the Hungarian Automotive Industry**
Dr. István Fórián, president of the Association of Hungarian Automotive Industry

PLENARY SESSION – 10:40–11:40 in Room #5

- 10:40 **Innovation in EU: Transport Policy: towards ITS deployment**
Ben Van Houtte, Head of Unit, Logistics, Innovation, Intelligent Transport & Co-modality – DG TREN, European Commission
- 11:00 **Development for Traffic Safety**
Prof. Christian von Glassner, former Development Manager of Daimler–Chrysler Co.
- 11:20 **Today for Tomorrow – Toyota’s Philosophy and Challenges Towards Sustainable Mobility**
Dr. Akihiko Saito, Senior Technical Executive in Toyota Motor Corporation

EXHIBITOR’S TIME – 11:40–12:00

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ADVANCED ENGINEERING TECHNIQUES & TOOLS (AE)		page
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14:00	Automatic Dependability Versus Cost Optimisation of Distributed Vehicle Control Systems (AE01-2) <i>Yiannis Papadopoulos, David Parker</i> (University of Hull, United Kingdom)	54
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14:30	Investigation of Metal Powders for Rapid Prototyping Technology (AE02-3) <i>Szabolcs Herczeg, János Takács, Olivér Udvardy</i> (Budapest University of Technology and Economics, Hungary)	60
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COMMERCIAL VEHICLES & BUSES (CV) page**CV04 Off-road Vehicles**

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- 14:00 **Men-in-the-Loop in Off-road Mobility (CV04-2)** 145

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- 15:00 **Environmentally Responsible Transport Operators: Development and Implementation of the Training Programme in Transition Economies (CV04-4)** 147

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VEHICLE DESIGN & MANUFACTURING (VD)**VD04 Comfort**

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- 14:00 **Human Numerical Model for Evaluation of Thermal Comfort in Vehicles (VD04-2)** 217

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- 14:30 **Fuel Driven Air Heater Modul for Integration in HVAC Systems of Commercial Vehicles (VD04-3)** 220

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- 15:00 **Virtual and Physical Development of Car Seat Surfaces (VD04-4)** 221

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	<i>Peter Pfeffer</i> (University of Bath, United Kingdom)	
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16:30	Optimized Curve Gear Shifting Inhibition in Automatic Transmission (PT06-2)	197
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17:00	Load Spectrum Prediction for Transmissions under Realistic Use Combining Tests and Computer Simulations (PT06-3)	198
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