



IAMTS SYMPOSIUM 2022

DETAILED PROGRAM

ZALAZONE, JUNE 14/15, 2022

IAMTS Symposium 2022 – the venue



IAMTS Symposium 2022 – the program

June 14

17:00-17:45 CET

Short Keynotes from IAMTS Board Members

TUEV Sued (Alexander Kraus)

CATARC (Shuai Zhao)

IEEE (Hermann Brand)

SAE International (John Tintinalli)

The keynotes will address why the organizations are supporting IAMTS and where they see the key value

IAMTS Symposium 2022 – the program

June 14

17:45-18:30 CET

Panel with IAMTS key members and special guests

Confirmed to talk:

AVL (Tobias Dueser)

Nvidia (Barnaby Simkin)

Audi (Claudia Braun)

Microsoft (Markus Loosen)

Florida Polytechnic University (Dr. Rahul Razdan)

The panel will address why cyberphysical test infrastructures need to be developed in an ecosystem approach

IAMTS Symposium 2022 – the program

June 14

18:30-21:00 CET

IAMTS Reception

Welcome by local host and governmental officials (Zoltan Hamar, Prof. Szalay and the Hungarian Minister for Innovation and Technology Prof. Palkovics)

Brief outlook of demonstrations content at ZalaZONE proving ground for June 15 provided through AVL, TUEV Rheinland and KONTROL

IAMTS Symposium 2022 – the program

June 15

09:00-09:50 CET

Overview ZalaZONE

ZalaZONE Development Organization:

History and current status of ZalaZONE site development as well as outlook to future developments (Zoltan Hamar)

AVL:

Which test services are being offered at ZalaZONE and which capabilities are available or planned ? (Erich Ramschak)

TU Budapest:

Which research activities are being pursued at ZalaZONE ? (Prof. Szalay)

TUEV Rheinland:

How does a key user utilize ZalaZONE ? (Thomas Quernheim)

IAMTS Symposium 2022 – the program

June 15

09:50-10:00 CET

Enter shuttle buses for ZalaZONE site tour

10:00-12:00 CET

Site tour (showcasing proving ground and lab capabilities)

AVL Demonstration

TU Budapest Demonstration

TUEV Rheinland Demonstration (in partnership with KONTROL)

IAMTS Symposium 2022 – the program

June 15

12:00-13:30 CET

Lunch Buffet and Lunch speeches from Mercedes (Nils Katzorke) and Automobil Forschung Dresden (Dr. Stefan Bender), networking

13:30-16:30 CET

Symposium Sessions

WG1: Work Group 1

13:30-14:30 CET

WG1 & WG2

WG2: Work Group 2

14:30-15:30 CET

WG3 & WG4

WG3: Work Group 3

15:30-16:30 CET

SG5

WG4: Work Group 4

16:30-17:15 CET

Synergistic view across all IAMTS activities

SG5: Study Group 5

17:15-17:30 CET

Closing remarks from IAMTS Chairman and local host

IAMTS Symposium 2022 – the program

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13:30-14:30 CET

Parallel Sessions

WG1: Global test scenario library

How do we get to standardized driving scenarios ?

Short input presentations (confirmed: Audi, Nvidia, TNO, TUEV Rheinland, KONTROL)

Moderated discussion (Bolin Zhou, WG1 leader from CATARC)

IAMTS Symposium 2022 – the program

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13:30-14:30 CET

Parallel Sessions

WG2: Global Advanced Mobility Testbed Database

Which capabilities should a cyberphysical testbed have ?

Short input presentations (confirmed: Audi, Tilke, Microsoft/TUEV Sued, DLR, Bertrandt, 4aSystems)

Moderated discussion (Tuan Duongquang, WG2 Leader from TUEV Sued)

Demonstration of IAMTS testbed database (including ZalaZONE dataset)

IAMTS Symposium 2022 – the program

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14:30-15:30 CET

Parallel Sessions

WG3: Correlation of physical and virtual testing

Where are currently the limits of simulation when it comes to virtual validation, virtual homologation and functional development ?

Short input presentations (confirmed: dSpace, Nvidia, CATARC, Virtual Vehicle, TUEV Sued)

Moderated discussion (Tobias Dueser, WG3 leader from AVL)

IAMTS Symposium 2022 – the program

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14:30-15:30 CET

Parallel Sessions

WG4: Cybersecurity Testing

How can we secure the CAV ecosystem end-to-end ?

Short input presentations (confirmed: AVL, Bosch, Lynx, TUEV Rheinland, Drivesec)

Moderated discussion (Dr. Klaus Schaaf)

IAMTS Symposium 2022 – the program

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15:30-16:30 CET

SG5 (CAV compliance over complete lifecycle)

How do we ensure CAV compliance over the lifecycle of the vehicle ?

Short input presentations (confirmed: Mercedes, Microsoft/TUEV Sued, CATARC, THE AUTONOMOUS)

Moderated discussion (Rico Barth, TUEV Rheinland)

IAMTS Symposium 2022 – the program

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16:30-17:15 CET

Synergistic view across all IAMTS activities

How can we put the results from the previous sessions into practice and how can we leverage the knowledge of the IAMTS expert community ?

Dialogue between selected representatives of IAMTS Board and IAMTS TLC (moderated by Prof. Taiber, IAMTS Managing Director)