

Monday

13 June

EUROPEAN
WOLFRAM
TECHNOLOGY
CONFERENCE
2022

8:30 Keynote Presentation

Conrad Wolfram

9:15 Commercial Applications of the Wolfram Language

Jon McLoone

9:45 The Wolfram Compiler

Tom Wickham-Jones

10:15 Coffee break

10:45 Using Wolfram Technology to Detect Fraud

Andre Koppel

11:15 Enterprise-Level Deployments with the Wolfram Technology Stack

Anthony Zupnik

11:45 A Short Introduction to Neural Network Frameworks

Markus van Almsick

12:15 Lunch

13:15 Accelerating Engineering Innovation with Wolfram

Francis Lempp, Archie Watts Farmer

13:45 Virtual Labs for Engineering Education

Ankit Naik

14:15 Explainable Deep Learning from First Principles

Bart ter Haar Romeny

14:45 Connecting to Relational Databases in the Wolfram Language

Carlo Barbieri

15:15 Coffee break

15:45 Health: Curated Data from Wolfram Mathematica

Stefan Hubeli

16:15 Building the Future of Ed Tech

Jon McLoone

16:45 Automated Machine Learning: Past, Present and Future

Giulio Alessandrini

17:15 Blockchainify Your Research Data

Sandra Vengadasalam

17:45 End of sessions

19:00 Conference dinner

Tuesday

14 June

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**8:30 Teaching Mathematical Modelling with Mathematica:
An Introductory Courseware**

János Karsai

9:00 Video Computation and Analysis

Markus van Almsick

**9:30 Design Aircraft and Model Hydraulic Systems Using
the New Wolfram System Modeler Libraries**

Ankit Naik

10:00 Coffee break

10:30 Train and Deploy a Custom Neural Network for Image Classification

Jofre Espigulé-Pons

11:00 Using Clustering to Compute the Properties of Water and Ice

Martin Panholzer

11:30 Extending the Iterata Platform with Wolfram Application Server

Stefan Hubeli

12:00 Experiments Meet Teaching: Social Games in the Classroom

Maik Meusel

12:30 Lunch

13:30 Modelling with Partial Differential Equations

Oliver Rübenkönig

**14:00 Business Simulation Using Wolfram System Modeler and
the Wolfram Language**

Guido Wolf Reichert

14:30 Unlock the Powers of Iterators in the Wolfram Language

Roman Maeder

15:00 Coffee break

15:30 Quiz the Experts: Q&A

16:15 Closing Remarks

Conrad Wolfram