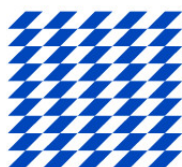


Session Program

Jul 2 - 5, 2024



**8th Croatian
Mathematical
Congress**



8th Croatian Mathematical Congress

Logic, Computation and Mathematical Aspects of Computer Science

Osijek

School of Applied Mathematics and Informatics, J. J. Strossmayer University of Osijek, Trg Ljudevita
Gaja 6, Osijek Faculty of Economics and Business, J. J. Strossmayer University of Osijek, Trg Ljudevita
Gaja 7, Osijek

Tue, July 2

5:30 PM

Logic, Computation and Mathematical Aspects of Computer Science

Session |

Location: School of Applied Mathematics and Informatics, J. J. Strossmayer University of Osijek, D3, Trg Ljudevita

Gojavec, Sebastijan Horvat

5:30 - 5:50 PM

Finite model property of inquisitive modal logic via selection

Speaker

Stipe Marić

5:50 - 6:10 PM

Characterisation theorems for interpretability logic IL with respect to Verbrugge semantics

Speaker

Sebastijan Horvat

6:30 PM

Wed, July 3

11:05 AM

Logic, Computation and Mathematical Aspects of Computer Science

Session |

Location: School of Applied Mathematics and Informatics, J. J. Strossmayer University of Osijek, D3, Trg Ljudevita

Gojavacrije, Domagoj Ševerdija

11:05 - 11:25 AM

Evolving Relocation Rules for the Container Relocation Problem Using Genetic Programming

Speaker

Mateja Đumić

11:25 - 11:45 AM

Application of pointer networks for inferring (near) optimal guards in Art Gallery problem

Speaker

Domagoj Ševerdija

11:45 AM - 12:05 PM

Effectively compact metric spaces with locally Euclidean isometry group

Speaker

Mr Patrik Vasung

12:05 PM

Fri, July 5

10:30 AM

Logic, Computation and Mathematical Aspects of Computer Science

Session |**Location:** School of Applied Mathematics and Informatics, J. J. Strossmayer University of Osijek, D2, Trg Ljudevita**Co-organizers:** Zvonko Iljazović

10:30 - 10:50 AM

Computability of manifolds with cylindrical ends

Speaker

Matea Čelar

10:50 - 11:10 AM

Computable approximations of semicomputable graphs

Speaker

Marko Horvat

11:10 - 11:30 AM

Irreducible continua and computability

Speaker

Tea Arvaj

11:30 - 11:50 AM

Metric bases and computability

Speaker

Zvonko Iljazović

11:50 AM