

## Mathematical modelling in solids and structures with applications to engineering systems

Program of the Day (September 20, 2024)

Location: Leškova 3A, Bratislava

### OPENING

09:00 – 09:10 – MISHURIS G., GAŽIOVÁ A.: Opening of the conference–Main objectives and organization

09:10 - 09:15 – ISTENES I.: Welcome speech by the organizer

### PRESENTATIONS

09:15 – 09:45 –VOLCHOK D. Research on the Sensitivity of Engineering Systems Using Fuzzy Set Theory

09:45 - 10:15 – DIKAREV K. Research on the relevance of rapid construction for low-rise buildings and structures using permanent formwork from local materials

10:15 - 10:35 – SOPILNYAK A., SIRENOK K. Investigation of the stress-strain state of a domed ceiling made using 3D printing technology

10:35 – 11:00 *Coffee break*

### PRESENTATIONS

11:00 - 11:30–VERSHKOVA Y., VOLCHOK D. Study of the flexibility of nodes of rod systems of steel structures operating in bending

11:30 – 12:00 – BEZVERKHYI D., KUCHYN I. Research on nonlinear vibrations of composite materials considered heterogeneity

### FINAL CEREMONY

12:00 - 12:15 – GAŽIOVÁ A.: Farewell words

12:15 End of the Day

LINK / QR TO THE MEETING:

<https://msteams.link/FVVI>

