



VILNIAUS GEDIMINO  
TECHNIKOS UNIVERSITETAS  
STATYBOS FAKULTETAS

TAIKOMOSIOS MECHANIKOS KATEDRA

VILNIUS GEDIMINAS TECHNICAL UNIVERSITY  
INSTITUTE OF MECHANICS  
LITHUANIAN ASSOCIATION OF COMPUTATIONAL MECHANICS  
**NATIONAL XXVII WORKSHOP OF LITHUANIAN ASSOCIATION  
OF COMPUTATIONAL MECHANICS**

11<sup>th</sup> of April 2019, 12:00 Vilnius Gediminas Technical University  
Senate meeting hall (SRA-I 51 auditorium, Saulėtekio al. 11, LT-10223 Vilnius).

## PROGRAM

**12:00 – 12:10** Opening. Wellcome speech – doc. dr. Sergejus Borodinas

**12:10 – Workshop session.**

**10 minutes for a presentation and 5 minutes for questions and discussion.**

**12:10 – 12:25 Olga Chabarova** (VGTU, Faculty of Civil Engineering, Department of Applied Mechanics).

**A title of the presentation:**

Olga Chabarova „Apie degeneruoto slankstelio stabilumą“.

**12:25 – 12:40 Giedrius Jočbalis** (VGTU, Antanas Gustaitis' Aviation Institute).

**A title of the presentation:**

Giedrius Jočbalis „Ryšiai tarp rastrų 3D spausdintoje medžiagoje“.

**12:40 – 12:55 Zoubida Sekkate** (Sidi Mohammed ben Abdellah University/ Morocco  
Vilnius Gediminas Technical University / Lithuania).

**A title of the presentation:**

Z. Sekkate, A. Aboutajeddine, A. Seddouki, R. Kačianauskas „Improved Micromechanical models to predict the elastoplastic behavior of composite materials“.

**12:55 – 13:10 Andrius Patapavičius** (Faculty of Civil Engineering, Department of Applied Mechanics).

**A title of the presentation:**

Andrius Patapavičius „Žiedinio skerspjuvio centrifuguotų konstrukcijų, armuotų kompozitine armatūra, tyrimas“.

**13:10 – 13:25 Martynas Milaševičius** (VGTU, VGTU, Antanas Gustaitis' Aviation Institute).

**A title of the presentation:**

Martynas Milaševičius „Kvantinio rakto progresas kosmose“.

**13:25 – 13:40 Oleksandr Hubanov** (VGTU, Faculty of Mechanics).

**A title of the presentation:**

Oleksandr Hubanov „Mathematical model of mitral valve“.

**13:40 – 14:30 Coffee and discussion**

**14:30 End of the workshop.**

Chairman of Scientific Committee  
prof. habil. dr. R. Kačianauskas

Chairman of Organizing Committee  
doc. dr. S. Borodinas

Secretary of Scientific and Organizing Committee  
dr. D. Mačiūnas