

**V INTERNATIONAL CONFERENCE  
ON TOPICAL PROBLEMS OF  
CONTINUUM MECHANICS  
(TPCM 2017)**

**with a Special Session in Honor of  
Alexander Manzhirov's 60th Birthday  
October 2–6, 2017, Goris, Armenia**

**FIRST ANNOUNCEMENT**

The V International Conference will be held on October 2–6, 2017 and hosted by the Institute of Mechanics of the National Academy of Sciences of the Republic of Armenia. During the conference, a Special Session will be organized in honor of Professor Alexander Manzhirov, Foreign Member of the National Academy of Sciences of the Republic of Armenia, on the occasion of his 60th birthday and to celebrate his contributions to mechanics and applied mathematics.

**AIMS AND SCOPE**

The conference aims to bring together leading academic scientists, researchers, and engineers to exchange and share their experience and results on all aspects of continuum mechanics. It also aims to provide the premier interdisciplinary forum for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and solutions adopted in the field of continuum mechanics.

**ORGANIZED BY**

Institute of Mechanics of the National Academy  
of Sciences of the Republic of Armenia  
Ishlinsky Institute for Problems in Mechanics of  
the Russian Academy of Sciences  
National Committee of Theoretical and Applied  
Mechanics of Armenia  
Russian National Committee on Theoretical and  
Applied Mechanics  
National University of Architecture and  
Construction of Armenia  
Goris State University

**Topics of interest include but are not limited to:**

- General Problems
- Contact Mechanics
- Mechanics of Growing Solids
- Mechanics of technological processes
- Mechanics of additive manufacturing
- Thin-walled Structures
- Elasticity and Viscoelasticity
- Plasticity
- Tribology
- Fracture Mechanics
- Coupled Fields in Solids
- Composites
- Soil Mechanics
- Fluid Mechanics
- Optimal Design and Control Theory.
- Mechanics of Nano-systems
- Structural Mechanics
- Biomechanics
- Hydraulics and Hydraulic Facilities
- Experimental Mechanics

**CO-CHAIRMEN**

V. Hakobyan (Armenia),  
A. Manzhirov (Russia),  
A. Ghukasyan (Armenia)

**VICE-CHAIRMEN**

A. Sahakyan (Armenia),  
M. Sumbatyan (Russia)

**EXECUTIVE SECRETARIES**

L. Dashtoyan (Armenia),  
E. Murashkin (Russia)

**SCIENTIFIC COMMITTEE**

L.Aghalovyan (Armenia, RA), K.Aghayan (RA),  
H.Altенbach (Germany), S.Ambartsumyan (RA),  
R.Arutyunyan (Russia), A.Avetisyan (RA), V.Avetisyan  
(RA), V.Babeshko (Russia), G.Baghdasaryan (RA),  
V.Barseghyan (RA), M.Belubekyan (RA), P.Ciarletta  
(France), I.Fedotov (RSA), K.Ghazaryan (RA),  
I.Goryacheva (Russia), N.Gupta (India), D.Hasanyan  
(USA), L.Igumnov (Russia), D.Indeitsev (Russia),  
G.Jaiani (Georgia), S.Joubert (RSA), G.Kanel (Russia),  
J.Kaplunov (UK), K.Karapetyan (RA), V.Karev  
(Russia), D.Klimov (Russia), V.Kolesnikov (Russia),  
L.Kossovich (Russia), I.Kudish (USA), R.Kushnir  
(Ukraine), G.Kuvyrkin (Russia), E.Lomakin (Russia),  
A.Martirosyan (RA), V.Matveenko (Russia),  
S.Mkhitaryan (RA), N.Morozov (Russia), L.Movsisyan  
(RA), Z.Mroz (Poland), A.Nee (Singapore), V.Oliferuk  
(Poland), V.Popov (Ukraine), M. Raous (France),  
Yu.Radaev (Russia), Yu.Safaryan (RA), S.H.Sargsyan  
(RA), S.V.Sargsyan (RA), A.Seyranyan (Russia),  
M.Shatalov (RSA), N.Shavlakadze (Georgia), Q.-P.Sun  
(China), S.Surzhikov, (Russia), V.Tamuz (Latvia),  
A.Tsaturyan (Russia), A.Vatulyan (Russia), N.Vaysfeld  
(Ukraine), R.Velmurugan (India), A.Zhurov (UK),  
V.Zimin (Russia)

## IMPORTANT DATES AND DEADLINES

- **May 15, 2017** – Abstract submission
- **June 1, 2017** – Notification of acceptance
- **August 1, 2017** – Paper submission

The abstracts and papers should be prepared with Microsoft Word.

## PRELIMINARY PROGRAM

- **October 2** – Registration at the Institute of Mechanics in Yerevan followed by transfer to Goris
- **October 3** – Opening ceremony and conference sessions
- **October 4–6** – Conference sessions
- **October 7** – Closing ceremony, transfer to Yerevan

## REGISTRATION AND CALL FOR PAPERS

Registration forms should be sent to the conference e-mail address. The proceedings volume will be published by the beginning of the conference. Papers should not exceed five pages. A full regular registration fee must be paid per paper.

The official language of the Conference is English.

## REGISTRATION FEES

The regular registration fee is 500 EURO. The registration fee for young scientists, students, and accompanying persons is 300 EURO. It covers invitation, access to all conference sessions, conference proceedings, registration materials, transfer, accommodation, sightseeing tours, and some extras. For more detail, please visit the conference website.

## VENUE

Goris is a small beautiful town in the eastern part of the Syunik Province, south of Armenia. Located in the valley of the river Goris (also known as Vararak), it is 254 km away from the Armenian capital Yerevan and 67 km from the provincial center Kapan. Goris is an urban community and the second largest city in Syunik. Early humans settled in the area of Goris as early as in the Stone Age. The first mention of Goris goes back to the Urartian period. King Rusa I of Urartu (8th century BC) left a cuneiform, where he mentioned that "Goristsa" was among the 23 countries he had conquered. The scientists believe it was the area known today as Goris. During the Middle Ages, the town settlement was situated in the eastern part of today's Goris, on the left bank of the Goris river. It was called "Kores" and coincided with one of the villages of Goru and Goraik mentioned by Stepanos Orbelyan (13th century AD).



The Monastery of Tatev is located in South-Eastern Armenia, in the area of the ancient Armenian Syunik, not far from the town of Goris and 280 km away from Yerevan. The Tatev plateau has been in use since pre-Christian times, hosting a pagan temple. The temple was replaced with a modest church following the Christianization of Armenia in the 4th century AD.



Participants of the conference will be accommodated in Goris hotels. The conference will take place in the Goris State University

### Mailing Address:

Institute of Mechanics,  
National Academy of Sciences of the  
Republic of Armenia,  
Baghramyan Ave. 24 /2,  
0019 Yerevan, Armenia

E-mails: [mechins.sci.am@gmail.com](mailto:mechins.sci.am@gmail.com)  
[Lilit\\_Dashtoyan@mechins.sci.am](mailto:Lilit_Dashtoyan@mechins.sci.am)

Phone: +37410 56-81-89

Website: [www.mechins.sci.am/TPCM-2017](http://www.mechins.sci.am/TPCM-2017)