

## *Speech of George Jaiani<sup>1</sup> at opening of GeoMech XV*

As Leibnitz said “the present born from the Past gives birth to the Future”.

First a bit History

From the very beginning a new type scientific research institute Ilia Vekua Institute of Applied Mathematics (VIAM) of Ivane Javakhishvili Tbilisi State University (TSU), founded and first directed by Ilia Vekua, have been integrated in the educational process of TSU and have been very active in international scientific cooperation and in organizing international conferences and symposia. These activities have been successfully continued by his succeeding directors: Andrea Bitsadze the best and the first PhD student of Ilia Vekua; David Gordeziani, and George Jaiani (the penultimate in time PhD student at Ilia Vekua).

Based on contacts initiated by Ilia Vekua (VIAM TSU) and Gaetano Fichera (Istituto di Mathematica Guido Castelnuovo of Rome University “La Sapienza”) later, unfortunately after decease of both the outstanding scientists, became possible to be signed an agreement between TSU and “La Sapienza” about scientific and educational cooperation of VIAM and Istituto di Matematica of “La Sapienza” which is in force up to now (but not activated presently). I. Vekua have paid a special attention to development of sciences at the second center of Georgia Kutaisi, in particular, he supported a group in applied mechanics of scientists led by Prof. Nodar Valishvili at the new established at that time Kutaisi Polytechnical Institute. At present the followers of this group now are acting at the faculty of Engineering (celebrating 50th anniversary) guided by Prof. Omar Kikvidze at Kutaisi Akaki Tsereteli University.

Especially should be understressed activities of VIAM in reforming of the Georgian mathematical society into Georgian Mathematical Union (GeoMathU) with the residence at VIAM and with the main goal to take part in the foundation of the European Mathematical Society (EMS) with Georgia as one of the founder Countries, as it was suggested by Prof. Bogdan Bojarski a former PhD student of Ilia Vekua from Poland. Which was successfully realized in 1990 in Madralyn (Poland).

In the early nineties of the XX century VIAM actively participated in establishment of the Georgian Mathematical Journal (GMJ), attracting outstanding mathematicians Jacques-Louis Lions (France) and Gaetano Fichera (Italy) to join the editorial board of the journal which facilitated to international recognition of GMJ.

In 1995 under aegis of the European Mathematical Society on the basis of VIAM Tbilisi International Centre of Mathematics and Informatics (TICMI) have been founded with two International Journals Bull.TICMI (since 1996) and Lecture Notes of TICMI (since 2000). At present both the journals have Scopus cite score.

In 2000 at VIAM the Georgian National Committee of Theoretical and Applied Mechanics (GNCTAM) was founded with the intention to become a member (I mean as country Georgia) of IUTAM. Among six founders there were three from TSU namely from VIAM and three from GTU. Since 2001 Georgia is a member, Adhering Organisation of IUTAM.

In 2012 on the basis of the GNCTAM was founded the Georgian Mechanical Union (GeoMechU) and I had an honor to be the president of the union. In 2018 I had a pleasure to suggest as president Prof. Omar Kikvidze. Since that time I am chair of GNCTAM.

The first I, II, III and also V, VIII GeoMechU International Annual Meetings were held at

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<sup>1</sup>The present my speech and my plenary talk “Hierarchical Models for Investigation of Physical Problems in Angular 3D Domains” were foreseen in the program of the meeting online but because of some technical reasons both failed. In order to fill in this gap, I submitted both to this issue, which contains selected talks given at the meeting.

VIAM, then we have widen geography of sites of meetings, they were held: in Kutaisi at Akaki Tsereteli State University (IV, IX, XII), in Telavi at State University of Telavi (X), in Tbilisi at Aviation University (VI), in Batumi at Rustaveli State University (VII, XI) and at Batumi Maritime Academy (XIII), in Poti at the Poti brunch (XIV) of Batumi Maritime Academy, and now, again at Batumi Maritime Academy (XV). From six founders three, me because of my health state on line, and in person Prof. Gela Kipiani (GTU) and Prof. Tamas Vashakmadze (VIAM TSU) are participating in the present meeting. Unfortunately, three others Academician Irakli Ghudushauri (GTU), Prof. Demur Danelia (GTU) and Prof. David Gordeziani (VIAM TSU) have been untimely deceased but nevertheless they always remain in our minds.

Finally, I wish the meeting successful work and all participants health, and every success!  
Thank you!

George Jaiani