ANNUAL REPORT OF THE CZECH NATIONAL SECTION OF GAMM ABOUT ACTIVITIES IN 2015

Dear Prof. W.Ehlers,  
  
  
I would like to give you as usual short overview about activities of our section of GAMM that is embodied as representative of GAMM into the Czech Society for Mechanics ([http://www.csm.cz/partneri/ceska-sekce-mezinarodni-organizace-gamm/](http://www.csm.cz/en/partners/)) .   At this moment our section has 15 members.  
  
As to our main activities I would like to mention an co-organization of two scientific colloquia and one cycle of scientific lectures:   
  
  A) DYNAMICS OF MACHINES AND MECHANICAL SYSTEMS WITH INTERACTIONS (<http://dymamesi.it.cas.cz/im/im/>).    
  
The DYMAMESI is a successor of two traditional national colloquia Dynamics and Machines and Interactions and Feedbacks held in the Institute of Thermomechanics AS CR. These colloqiua started in 90ties and get very popular among researchers mainly home but also abroad (Slovakia, Poland, Austria).  Besides GAMM, the next organizers of the colloquium is Institute of Thermomechanics AS CR and National committee of IFToMM .  
The 20 participants mainly from our country took part in it.   
  
  B) FLUID DYNAMICS 2015 (<http://www.it.cas.cz/dt/im/im/page/home>)  
  
The colloquium was devoted to the experimental investigations, numerical simulations and theoretical studies of laminar, transitional and turbulent shear flows in the external and internal aero-hydrodynamics, environmental aerodynamics, biomechanics and in further natural and industrial applications.  
The organizers of the colloquium were Institute of Thermomechanics AS CR, Czech Society for Mechanics, GAMM and ERCOFTAC,Czech Pilot Centre.  
The 30 participants mainly from our country took part in it.     
  
C) Cycle of 6 lectures on HOLONOMIC MECHANICS given by prof.RNDr.Jan Šklíba, CSc. (http://www.it.cas.cz/cs/mechanika-neholonomnich-systemu-cyklus-prednasek).  
  
As to the information transfer about GAMM activities we use both e-mail communication, Bulletin ČSM (published 3x annually) and websites (<http://www.csm.cz/partneri/ceska-sekce-mezinarodni-organizace-gamm/>).  
  
I hope that we will continue and further develop (within our possibilities) in our activities also in this year.   
  
  
Luděk Pešek.  
Chairman of the Czech national section.