



12th International Workshop on the Physics of Compressible Turbulent Mixing (IWPCTM12)

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IWPCTM12

The 12th International Workshop on the Physics of Compressible Turbulent Mixing (IWPCTM12) will be held in Moscow, Russia, July 12–17, 2010.

**July 16th 2010,
Moscow
Russian Academy of Sciences**

IWPCTM-12 RESUME

The IWPCTM-12 Workshop has been successfully conducted. The 154 participants from 5 countries presented 8 Invited lectures, 49 oral presentations and 28 posters.

The special workshop has been organized for young scientists – participants of the Workshop.

The Workshop has been hosted by Institute of Applied Mathematics Russian Academy of Sciences (RAS) and the Joint Institute for High Temperature RAS.

The Workshop has been held in 26 sessions and it was opened by Academician-Secretary of the Energy, Mechanics and Control Systems Division of RAS Vladimir Fortov who gave the talk on Density States of Matter in Shock Waves. Research Adviser and Former Director of Russian Nuclear Center Academician Radii Ilkaev congratulated the participants and their important input to the International Cooperation in the field of Basic and Applied Research.

IWPCTM-12 International Committee had meeting July 14th and carefully discussed the problems and future development of the Workshop topics and made the next decisions.

1. After consideration 2 proposals for the next Workshop from Barcelona Polytechnical University and from the Cranfield University (UK), it was decided to organize the next Conference IWPCTM-13 in South East England in July 2012. Professor Dimitris Drikakis is approved as the Chairman of the next Workshop. Website for the IWPCTM-13 will start to operate in 2011.
2. Papers for Proceedings of the IWPCTM-12 have to be sent to Organizing Committee (not limited in volume) to Marina Ladonkina before November 25, 2010. The Proceedings

have to be published in January 2011. The copyright for the papers will belong to both the author and RAS. The Proceedings will be published in TeX. The sample for the paper will be presented at the 12th Workshop Web site. For Word files figures have to be presented in eps format additionally.

3. To increase the value of papers and have referenced contributions, the Organizing Committee decided to publish papers presented at the Workshop in the peer reviewed journal. The presented papers will be possibly published after peer review in a special issue of the American Society of Mechanical Engineers Journal of the Fluids Engineering, information details will follow.
4. During the Workshop all lectures have been recorded and all of them will be put to the Workshop Web site with the permission of the Author. Authors may submit copies of their slides for inclusion on the Web site, as an alternative.
5. The final list of participants and presented lectures will be published at the Workshop Web site.
6. The rotating persons in the International Committee (IC) should be discussed by members of each country presented at the IC and formulate proposal to confirm or replace members of IC. One of the criteria must be presentation at the Workshop and activity in the Workshop.