



The Symposium will bring together solar and stellar physicists investigating the dynamics of convection zones and lower atmospheres. It will be dedicated to observational and theoretical aspects of the hydrodynamics and magnetohydrodynamics of the solar and stellar convection zones and lower atmospheres, both global and local, with the inclusion of numerical simulations as a particular branch of theoretical research. Specific subjects to be discussed are as follows:

- Convection (solar - on different scales - and stellar)
- Differential rotation and meridional circulation (both solar and stellar)
- Global dynamo (in the Sun and stars; solar-cycle observed patterns and predictions)
- Helioseismology and asteroseismology (both global and local; probing subsurface structure and dynamics)
- Local processes of magnetic-flux emergence, sunspot and starspot formation (observed patterns of sunspot evolution, small-scale motions, local dynamo)

SOC

Valentina Abramenko	Russian Federation
Axel Brandenburg	Sweden
Paul Charbonneau	Canada
Arnab Rai Choudhuri	India
Yuhong Fan	United States
Alexander Getling, Co-Chair	Russian Federation
Hideyuki Hotta	Japan
Jie Jiang	China
Maarit Käpylä	Germany
Leonid Kitchatinov, Co-Chair	Russian Federation
Irina Kitiashvili	United States
Åke Nordlund	Denmark
Dmitry Sokoloff	Russian Federation
Klaus Strassmeier, Co-Chair	Germany

LOC

Irina Bilenko	SAI*
Alexander Getling, Co-Chair	SINP**
Vladimir Kalegaev	SINP
Leonid Ledentsov	SAI
Mikhail Panasyuk, Co-Chair	SINP
Konstantin Postnov, Co-Chair	SAI
Yulia Shugay	SINP
Alexandra Varkovitskaya	SINP
Galina Yakunina	SAI

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