

Programme and Contents

Presentation of orals and posters:

The authors are supposed to display their poster till 9.30 a.m. Authors are asked to be present at posters in time of official poster presentation (see program).

The authors contributing to the oral sessions should respect the timetable of lectures. An overhead projector and a data-projector will be available for presentations.

16.6. Monday

8.00 - 10.00 *Registration*

9.40 - 9.50 *Opening ceremony*

chairman: Todd

9.50 - 10.40 S1 Dynamics of the Plasma Edge Naulin 12

10.40 - 11.15 S1 Turbulence Spreading and Anomalous Transport Rasmussen 12

11.15 - 11.35 *Coffee break*

chairman: Rasmussen

11.35 - 12.25 S1 How to Build a Tokamak Todd 13

12.25 - 13.00 S1 Status of the COMPASS Tokamak Reinstallation in IPP AS CR Pánek 14

13.00 - 14.00 *Lunch*

chairman: Miklaszewski

14.00 - 14.20 S2 Multiwire X-Pinch Research on S-300 Instalation Chernenko 15

14.20 - 14.40 S2 PFZ Fusion Neutron Source at the CTU in Prague Kubeš 15

14.40 - 15.00 S2 Plasma Focus Discharge. Physical Processes and Application in Technologies Nikulin 16

15.00 - 15.20 S2 Hot Spots and Filaments in the Pinch of a Plasma Focus: An Unified Approach Di Vita 17

15.20 - 15.40 S2 Computational Studies of the IPD Discharge with Internal Cathode Rabinski 18

15.40 - 16.00 S2 Effect of Nonequilibrium (non-Maxwellian) Part of Ion and Electron Distribution Functions on Neutron Yield and Compression of Thermonuclear Target Gorev 19

16.00 - 16.20 S2 Study of Plasma Parameter's Distribution upon Electrical Wire Explosion Tkachenko 19

16.20 - 16.40 S2 New Generation of FID Pulse Generators with Giga- and Terawatt Peak Power for Z-Pinch, Accelerator, Laser and X-Ray Systems Efanov 20

chairman: Koshelev

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16.20 - 17.40 *Poster presentations sections 1,2,3,5,7*

19.00 - 20.30 *Cocktail*

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chairman: Ullschmied

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chairman: Leys

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16.00 - 17.00 *Coffee break + poster presentations sections 6*
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19.6. Thursday

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11.20 - 11.50 *Coffee break*

chairman: Špatenka

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chairman: Krčma

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12.00 *Deadline for handover of full text contributions to organizers (internet room)*

Closing ceremony

13.30 - 14.30 *Lunch*

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Note, please, that handover of full text contributions to organizers is possible in the internet room only.

Main Topics:

- S1 Tokamaks and other magnetic confinement devices
- S2 Short lived plasmas (plasma focus, z-pinch, particle beam – plasma interaction, X-ray sources)
- S3 Laser plasma
- S4 Non-equilibrium low temperature plasma
- S5 Thermal plasmas
- S6 Plasma technology
- S7 Space plasma

Programme, abstracts and list of participants were fully composed from data provided by participants within registration. Editors made no stylistic revision of texts presented in this book, hence they take no responsibility for the content and style.