



32nd Joint Russian-German Meeting on ECRH and Gyrotrons

Virtual

December, 23, 2020 10:00 – 15:30 (CET)

Programme

<p>Wednesday, December 23</p> <p>Meeting start at 10:00 AM CET (12:00 PM MSC)</p>	<p>10:00 Welcome and Opening- Chairman Alexander Litvak</p> <p>10:15 Workshop (Gyrotrons) – Manfred Thumm</p> <p>John Jelonnek KIT developments during 2020 (15 min. + 5 min. discussion)</p> <p>Alexander Tsvetkov Development of master oscillator for frequency locking of a complex of megawatt level microwave sources (15+5)</p> <p>Tobias Ruess Progress in 170/204 GHz coaxial-cavity gyrotron development (15 + 5)</p> <p>11:15 – 11:25 Break</p> <p>11:25 Workshop (Gyrotrons) – Mikhail Glyavin</p> <p>Ilya Zheleznov Concept of double-harmonic megawatt-level gyrotron for plasma heating in spherical tokamaks (15+5)</p> <p>Benjamin Ell Progress on multi-stage collector development (15 + 5)</p> <p>Andrey Fokin Gyrotron frequency multiplication (15+5)</p> <p>Alexander Marek Feedback system for coupled sub-THz gyro-devices to provide new regimes of operation (15 + 5)</p> <p>12:50- 13:00 Break</p> <p>13:00 Workshop (Plasma Experiments, Applications and Systems) – Hartmut Zohm</p> <p>Dmitry Mansfeld Conversion of carbon dioxide in a microwave plasma torch sustained by gyrotron radiation at frequency of 24GHz at atmospheric pressure (15+5)</p> <p>Heinrich Laqua Characteristics of ECRH-plasmas at the W7-X stellarator (15+5)</p>
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	<p>Carsten Lechte Advanced ECRH components for ITER: Fast switches and reflector gratings (15+5)</p> <p>14:00- 14:10 Break</p> <p>14:10 Workshop (Plasma Experiments and Systems) – Alexander Shalashov</p> <p>Dietmar Wagner, Jörg Stober Performance of the multi-frequency ECRH system at ASDEX Upgrade (15+5)</p> <p>Natalya Kirneva Current status of tokamakT-15MD (15+5)</p> <p>14:50 – 15:00 Discussion and closing – Gregory Denisov</p>
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