

22 Topical Conference on RADIOFREQUENCY POWER IN PLASMAS

30 May - 2 June 2017 - Centre de Congrès - Aix en Provence –
France

Scope and topics

This conference is the Twenty-Second Edition of the International Conference on electromagnetic waves in plasmas; including RF applications in magnetic fusion devices, RF plasma sources, and Basic RF wave Physics. This conference will also offer an opportunity to discuss advances of both Technology and Physical aspects of the ITER Heating and Current Drive systems.

Among the topics of the joint conference, recent developments and research results in the following fields are addressed:

- 1- R&D for ITER and Reactor-grade devices;
- 2- Plasma wave interactions, such as heating, current generation, other phase, space engineering, diagnostics and plasma control;
- 3- Applications of RF power in fusion devices such as tokamaks, stellarators, spherical tori, reversed-field pinches and other confinement concepts;
- 4- Basic plasma wave physics;
- 5- Applications to plasma sources for material processing, space propulsion, ionospheric and space plasmas.

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RADIOFREQUENCY POWER IN PLASMAS



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