

**EPE-PEMC 2012: ECCE Europe
15th International Power Electronics and Motion
Control Conference
Novi Sad, Republic of Serbia**

INVITED SPECIAL SESSION:

“Supplying Wideband RF Power Amplifiers”

organised by

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Call for Papers

RF Power Amplifiers are used in a wide variety of applications, including Wireless Communication, TV transmissions, Radar, and RF heating. RF Output Power can range from a few μW to MW, depending on the application. One challenge today is to achieve high efficiency and linearity at higher and higher bandwidths. Power supplies may help to achieve this goal, supplying the amplifier with the appropriate voltage waveform (ET or EER techniques) including wide bandgap devices (namely GaN or SiC), and/or topological modifications in the power supply to increase the bandwidth. Another challenge is the integration of the power supply and the RF amplifier on the same silicon, to enable high efficiency techniques in the MHz range.

Submission procedure: The same as for regular papers.

Submission deadline: 19th December 2011

All the instructions for paper submission are included on the conference website:
<http://epe-pemc2012.com/>