

OUTSTANDING YOUNG ENGINEER AWARD:

This award recognizes MTT-S members, who have distinguished themselves through technical achievements, service to the MTT-S, or a combination of both. Nominees must not have reached their 39th birthday and must be an MTT-S member at the time of nomination. This year's recipients are **Costas Sarris and Patrick Scheele**



Patrick Scheele

"For outstanding early career contributions to the microwave profession"

Patrick Scheele received his Dipl.-Ing.(FH) Diploma degree in Telecommunications from the University of Applied Sciences (FH Mannheim), Mannheim, Germany in the year 2000. He has received three awards:

- The VDE award for the best diploma thesis,
- the Fritz-Leonhard-Reuther Prize for the best study result of all faculties in the academic year 2000,
- and the award of the institute for microwaves and optics for remarkable accomplishments in the field of RF-Technology and Telecommunications.

After completing his studies he worked as an electronics development engineer at von Hoerner & Sulger GmbH, Schwetzingen, Germany, with focus on highly reliable electronic circuits for extraterrestrial physical scientific experiments.

In 2002 he joined the research group of Prof. Jakoby at the Institute for Microwave Technology of the Technical University of Darmstadt, Germany. In 2007, he received the Dr.-Ing. degree with highest grade ("with honors") for his doctoral thesis "Tunable passive microwave components based on nonlinear dielectrics". At that time, he held 4 patents and had authored or co-authored 34 scientific publications of which two have been awarded, with the EEEfCom Innovations Award 2005 (2nd Rank) and the European Microwave Conference 2005 Young Engineer's Prize.

From 2007 to 2009 he worked as an R&D-engineer at EPCOS AG, Munich, Germany, in the field of new RF- and MEMS-sensor components before he joined Cassidian/EADS in Ulm, Germany as a group leader in the field of broad-band RF/microwave circuit design in 2009. He is currently head of the "Transceivers" department at Cassidian, Unterschleissheim, Germany. His most recent activities cover topics in the fields of novel concepts for ultra broad-band digital receivers and multi-purpose software defined radios.