

## **DML Round Trip in Central Europe and Balkan Countries**

Jan Machac, José Carlos Pedro

The trip started in Prague, where Prof. José Pedro, Distinguished Microwave Lecturer, DML, came on June 1. He delivered his lecture “The Wonderful World of Nonlinearity: Modeling and Characterization of RF and Microwave Circuits” (<http://www.mtt.org/dmls.html>) for members of the Czechoslovakia MTT/AP/ED/EMC joined chapter on June 2. The lecture hold in the building of the Faculty of Electrical Engineering of Czech Technical University in Prague was attended by about 20 people, both members and non-members of the Chapter. Prof. Pedro accompanied by Prof. Jan Machac, the Region 8 MTT-S Coordinator, traveled on Wednesday June 3 to Nis in Serbia, where the next day they attended the meeting of the Serbia and Monte Negro MTT-S Chapter. The meeting took place at Faculty of Electronic Engineering, University of Nis at 14:30. After the meeting opening, hold by Prof. Zlatica Marinkovic, a Chair of the Chapter, she summarized the scientific activities of the working group. It was satisfying to realize that, contrary to what is more common in our field, the majority of the nearly ten meeting participants were women. After that, José presented his DML lecture. Jan followed with a presentation of the activities of the MTT Society, entitled “Introduction to IEEE and MTT Society” and continued by his lecture “Substrate Integrated Waveguide – Base for Leaky Wave Antennas”. These presentations were attended by about 22 people. Then, the Chapter meeting continued very pleasantly in a restaurant with a lunch. Jan used the time to talk with the Chapter Officers, namely with Zlatica, about ideas on how to manage the chapter, what are possibilities, duties, and what the chapter can get from the MTT Society. In between José talked with interested people about nonlinearities in electronic circuits.

Jan and José traveled next day, i.e., on Friday June 5, to Iasi in Romania. Here they attended the RFIC Summer School organized by the IEEE Solid State Circuits Society Romanian Chapter - <http://sites.ieee.org/romania-rfic/> on Saturday June 6. The Event Coordinator was Prof. Cristian Andriesei from the Gheorghe Asachi Technical University of Iasi. Both José and Jan delivered here their lectures a bit modified, explaining the basic technical subjects in more detail, in accordance with the student attendees, so that they could build a deeper insight on these new topics. Students receive the lectures quite well, pleasing both lecturers with a number of interesting questions.

Jan and José were driven by Cristian Andriesei in his car to Bucharest on the next day, i.e., on Sunday June 7. José flew home from here. Jan stayed in Bucharest to attend the Romanian MTT-S Chapter meeting on June 8. The meeting was hold in Faculty of Electronics, Telecommunications and Information Technology, University “Politehnica” Bucharest. Before the meeting, Jan was officially received by the dean of the faculty Professor Cristian Negrescu. Jan presented IEEE and MTT Society and its program for chapters, what chapters can get, what they have to do. Next Jan presented at the meeting his scientific lecture about leaky wave antennas on substrate integrated waveguide. Chapter officers discussed with Jan ideas of chapter management, activities, work for chapter members during a very pleasant lunch. Jan returned home next day.

The discussions hold in Serbia and Romania revealed an avid interest towards IEEE MTT-S and the activities it can promote. Chapter Chairs and other members showed a strong motivation to learn more on the education and networking with international colleagues our professional organization can promote, so that they can improve their teaching institutions, and attract more attention to meetings and small local conferences they are organizing. While the latter motivates already established scholars and practitioners, the former will certainly contribute to counter act against the lack of interest we are all facing in our young people

towards science and engineering. With this, Chapter Chairs are increasing the visibility of the IEEE MTT-S, and our Society is helping them promote microwave engineering, and develop their countries. It is highly rewarding to see how the volunteering work of these IEEE members is, indeed, “Advancing Technology for Humanity”. It is with these experiences that we feel the IEEE is doing its job well!

Jan Machac (Czech Technical University in Prague, Czech Republic) is a MTT-S Region 8 Coordinator.

José Carlos Pedro (Universidade de Aveiro, Portugal) is a MTT-S Distinguished Microwave Lecturer.



José Carlos Pedro delivers his lecture “The Wonderful World of Nonlinearity: Modeling and Characterization of RF and Microwave Circuits” in Prague.



Attendees of the Serbia and Monte Negro MTT-S Chapter Meeting, Zlatica Marinkovic, and José Pedro are the 2<sup>nd</sup> and 3<sup>rd</sup> in the front row, Jan Machac is the 3<sup>rd</sup> in the top row.



Participants of the RFIC Summer School in Iasi



Jan presents IEEE and MTT Society at the meeting of the Romanian MTT-S Chapter. Prof. Teodor Petrescu, a Chair of the Romanian Chapter is the first from the left.