

w u s a u s t r i a



ARE YOU AS ELECTRICAL ENGINEERING PROFESSIONAL INTERESTED IN HOW PARTICULAR BASIC RF CIRCUITS (SUCH AS POWER DIVIDERS AND COUPLERS) OF YOUR CELL PHONE ARE DESIGNED? WOULD YOU LIKE TO LEARN BASICS OF ELECTROMAGNETIC SOFTWARE USED TO DESIGN ANTENNAS, AMPLIFIERS, AND OTHER RF CIRCUITS FOR RADAR AND SATELLITE APPLICATIONS? IF YES, THEN THIS WORKSHOP IS FOR YOU.

ETF SARAJEVO AND WUS AUSTRIA (OFFICE SARAJEVO) INVITE YOU TO THE FOLLOWING 2-WEEK WORKSHOP AS A PART OF BRAIN GAIN PROGRAM (BGP):

INTRODUCTION TO RF/MICROWAVE ENGINEERING

LECTURER: Moamer Hasanovic, Ph.D.

WHEN: July 02 – July 13, 2007, every day Monday – Friday, 4 – 6 PM

WHERE: ETF Sarajevo, S1

CONTACT: Prof Melita Ahic-Djokic, or email to mhasanov@syr.edu

DESCRIPTION: During the first week we will cover basics of RF design including introduction to RF design, transmission line theory, Smith chart, and design of passive components such as couplers and power dividers. In the second week participants will learn how use two most popular RF design software tools Ansoft Designer® and Ansoft HFSS® that would enable them to design and simulate the whole range of RF components including antennas, amplifiers, mixers, etc.

ABOUT THE LECTURER: Moamer Hasanovic received the B.S. degree from University of Sarajevo in 1997 and the M.S. and Ph.D. degrees in electrical engineering from Syracuse University, New York (USA) in 2002 and 2006, respectively. He was an electrical engineer with BH Telecom Engineering Sarajevo for two years. He is currently working as an RF Design Engineer with Anaren Microwave, Inc. in East Syracuse, NY. He also fills the role of adjunct faculty professor at the Department of Electrical Engineering, L.C. Smith College of Engineering and Computer Science at Syracuse University, Syracuse, NY. His research interests are in the area of computational electromagnetics and microwave devices. He published his work in prestigious electrical engineering journals and magazines such as IEEE Transactions Antennas and Propagation and Journal of Applied Computational Electromagnetics Society (ACES).