

COMITE 2003
Preliminary program - September 24

Section A2: Wave propagation	Room A
Section chair: Pavel Pechac, CTU Prague	Time: 10:00 – 12:00

Grábner,M., Kvičera,V.	REFRACTIVITY DEPENDENCE ON WEATHER CONDITIONS
Fišer,O.	ON METHODS DISTINGUISHING DROP SIZE DISTRIBUTION TYPE FOR IMPROVED EXTIMATION OF RADIOWAVE ATTENUATION DUE TO RAIN
Lédl,P., Pechač,P., Mazánek,M.	TREE ATTENUATION MEASUREMENT EXPERIMENT IN MILLIMETER WAVEBAND
Klepal,M., Pechač,P.	SITE-SPECIFIC CHANNEL PARAMETERS PREDICTION FOR MIMO SYSTEMS
Mikas,F., Klepal,M., Pechač,P.	ESTIMATION OF BUILDING DIELECTRIC PROPERTIES FROM WIDEBAND MEASUREMENT

Section B2: Medical applications	Room B
Section chair: Jan Vrba, CTU Prague	Time: 10:00 – 12:00

Cvek,J., Vrba,J.	EVANESCENT WAVEGUIDE APPLICATOR FOR MICROWAVE THERMOTHERAPY IN ONCOLOGY
Herza,J., Vrba,J.	REGIONAL APPLICATOR FOR MICROWAVE THERMOTHERAPY
Chovanec,R., Vrba,J.	NUMERICAL METHODS IN MICROWAVE THERMOTHERAPY
Oppl,L.	NON-DESTRUCTIVE PERMITTIVITY MEASUREMENT OF BIOLOGICAL TISSUE
Jelínek,F., Pokorný,J., Šaroch,J.	EXPERIMENTAL INVESTIGATION OF ELECTROMAGNETIC ACTIVITY OF LIVING CELLS AT MILLIMETER WAVES

Section A3: Antennas	Room A
Section chair: Schejbal, TU Pardubice	Time: 13:00 – 14:40

Bártík,H.	CORRECTION METHOD FOR REDUCTION OF AMPLITUDE AND PHASE ERRORS OF COAXIAL
Goňa S.	IMPLEMENTATION OF NEAR FIELD CYLINDRICAL SCANNER
Otevřel,V., Raida,Z.	COMPLEX OPTIMIZATION OF YAGI ANTENNA USING POLYTOPE ALGORITHMS
Hradecký,Z., Mazánek,M.	ULTRA BROADBAND HORN ANTENNA
Polívka,M., Hudec,P.,	DUALBAND QUARTER WAVELENGTH

Mazánek, M.	PLANNAR ANTENNA FOR SIGNAL DETECTION IN GSM 900/DCS 1800 BANDS
-------------	---

Section B3: Microwave circuits	Room B
Section chair: Karel Hoffmann, CTU Prague	Time: 13:00 – 14:40

Kupčák, D., Mitáš, L.	WAVEGUIDE PHASE SHIFTER WITH DIELECTRIC PLATE
Tomáška, M., Vážný, R., Krnáč, M.	A CLASS E RF POWER AMPLIFIER DESIGN IN STANDARD DIGITAL 0.45 μ M CMOS TECHNOLOGY FOR MOBILE COMMUNICATION
Morawski, T., Zborowska, J.	BROAD-BAND MICROWAVE ANALOG PHASE SHIFTERS
Antoniuk, J., Salski, B., Gwarek, W.K.	SLOTTED WAVEGUIDES AS EXCITATION SYSTEMS OF MICROWAVE OVENS
Sokol, V., Hoffmann, K., Vajtr, J.	A NOVEL 3-D ULTRAWIDEBAND BALUN

Section A4: Microwave systems	Room A
Section chair: Pavel Pechac, CTU Prague	Time: 15:00 – 16:40

Kubík, M., Šedivý, P.	MODERNIZATION OF 3D RADAR ST68U SIGNAL PROCESSING
Bilik, V., Bezek, .	DEVELOPMENT OF 2.45-GHZ HIGH-POWER COAXIAL SIX-PORT REFLECTOMETER FOR INDUSTRIAL APPLICATIONS
Geck, B., Ponce, E.M.	A RADAR BASED HIGH PRECISION THICKNESS MEASUREMENT SYSTEM FOR DIELECTRIC MATERIALS
Yanovsky, F.J., Prokopenko, I.G., Lighthart, L.P.	ADAPTIVE ALGORITHMS FOR WEATHER RADAR

Section B4: Microwave measurements	Room B
Section chair: Jan Bezek, STU Bratislava	Time: 15:00 – 16:40

Zvánovec, S., Mikas, F., Hradecký, Z., Pechač, P., Mazánek, M.	WIDEBAND MEASUREMENT OF INSERTION LOSS OF SHIELDING MATERIALS
Kopyt, P., Salski, B., Gwarek, W.K.	RESONATOR-BASED METHOD FOR ESTIMATION OF COMPLEX PERMITIVITY OF MATERIALS
Künzel, K. Papež, V., Žáček, J.	THE PROBLEMS OF RF CONDUCTED EMISSIONS MEASUREMENT
Jiříčka, K., Montebugnoli, S.	DIGITAL SPECTROMETER FOR RADIO ASTRONOMICAL OBSERVATIONS