



Thursday, June 26

**ELECTRONIC COMPONENTS,
SYSTEMS AND
TECHNOLOGIES**

Chairmen

A. Andonova,
Technical University of Sofia, Bulgaria

V. Valchev,
Technical University of Varna, Bulgaria

EL.1 Application of Statistical Simulation Using SPICE to Parameter Extraction of RF Transistor Models

E. Gadjeva, V. Durev
Technical University of Sofia, Bulgaria

EL.2 Radio Frequency Power Bipolar Transistor Modeling and Simulation

I. Nemingenchev, P. Petrova,
B. Karapenev
Technical University of Gabrovo, Bulgaria

EL.3 Equivalentents of Optocouplers with a Photodynistor Photodetector

E. Koleva, I. Kolev
Technical University of Gabrovo, Bulgaria

EL.4 Reducing Switching Losses trough MOSFET – IGBT Combination

V. Valchev, A. Van den Bossche*, A. Marinov
Technical University of Varna, Bulgaria
**Ghent University, Belgium*

EL.5 Comparison of Nanocrystalline Magnetic Materials and Ferrites Used for Power Electronics Transformers

V. Valchev, G. Nikolov
Technical University of Varna, Bulgaria

EL.6 Development and Spice Simulation of Multiphase Full Bridge Transistor DC-DC Converter with Current Mode Control System

G. Kunov, E. Gadjeva, M. Popov, N. Todorov
Technical University of Sofia, Bulgaria

EL.7 Modern Technology Application in Electro Industry Parts Production

S. Nusev, I. Andreevski, D. Temeljkovski*
University "St. Kliment Ohridski"-Bitola, Macedonia
**University of Niš, Serbia*

EL.8 Research of Joint Operation of Hall Elements With Orthogonal Magnetic Sensitivity

N. Draganov, A. Aleksandrov
Technical University of Gabrovo, Bulgaria

19:00 End of session