



COST P18 Training School on Lightning Physics and Effects

Sept. 4-6, 2007, Kiten, Bulgaria.

Local Host: Alexander Blagoev

Tuesday, September 4

8:30-8:50	Registration
8:50-9:00	Welcome message of R. Thottappillil, COST P18 Chair, A. Blagoev, OC Chair
9:00-10:30	Lightning Physics I <i>V. Rakov, University of Florida, Gainesville, USA</i>
10:30-11:00	Coffee Break
11:00-12:30	Lightning Physics II <i>V. Rakov, University of Florida, Gainesville, USA</i>
12:30-14:00	Lunch Break
14:00-16:00	Lightning Detection and Applications <i>G. Diendorfer, ALDIS, Vienna, Austria</i> <i>P. Laroche, ONERA, France</i> <i>M. Rubinstein, Western Univ. Applied Sciences, Switzerland</i>
16:00-16:30	Coffee Break
16:30-17:00	Discussion, Questions

Wednesday, September 5

8:30-9:30	Lightning Parameters <i>G. Diendorfer, ALDIS, Vienna, Austria</i>
9:30-10:00	Lightning Interaction with Tall Structures <i>F. Rachidi, Swiss Federal Institute of Technology, Lausanne, Switzerland</i>
10:00-10:30	Coffee Break
10:30-11:30	Lightning Electromagnetic Field Computation <i>R. Thottappillil, Uppsala University, Sweden</i>
11:30-12:30	Lightning Protection Principles and Applications I <i>G. Berger, Supelec, Paris, France</i> <i>C. Bouquegneau, Mons Polytechnic, Belgium</i>
12:30-14:00	Lunch Break
14:00-15:00	Lightning Protection Principles and Applications II <i>G. Berger, Supelec, Paris, France</i> <i>C. Bouquegneau, Mons Polytechnic, Belgium</i>
15:00-15:30	Coffee Break
15:30-17:00	Lightning Protection of Power Systems <i>F. Napolitano, University of Bologna, Italy</i>

Thursday, September 6

8:30-10:00	Lightning and Climate <i>C. Price, Tel Aviv University, Israel</i>
10:00-10:30	Coffee Break
10:30-12:00	Introduction to the Physics of sprites, elves and intense lightning discharges <i>Michael Rycroft, CAESAR Consultancy, UK</i>
12:00-13:00	Lunch Break
13:00-14:30	Lightning Effects in the Middle and Upper Atmosphere <i>Y. Yair, Open University of Israel</i>
14:30-19:00	Excursion