Faculty of Physics and Faculty of Geology and Geography of Sofia University "St. Kliment Ohridski" and Bulgarian Aerospace Cluster CASTRA

are organizing on 3rd of June 2016

Aerospace Student Seminar

Devoted to Small Satellites, Unmanned Vehicles (Drones) and Applications of Data from the Near Space/Air (with demonstrations)

Special guests from the American University of Science and Technology (AUST) in Beirut

03.06.2016 (Friday); Faculty of Physics, 5, J. Bourchier blvd., Sofia, Hall A315, 9:15 – 12:30

with the nice help of lecturers from the Masters programs: Aerospace Engineering and Communications; Wireless Networks and Devices and Geographical Information Systems and Mapping in Sofia University "St. Kliment Ohridski"
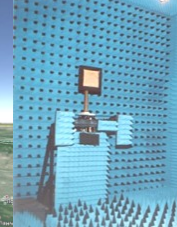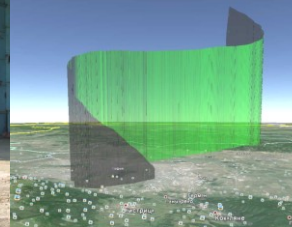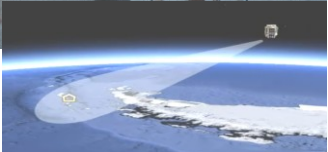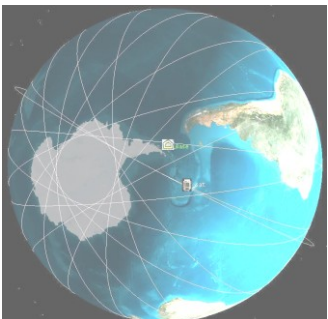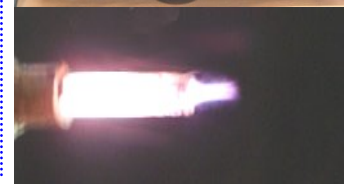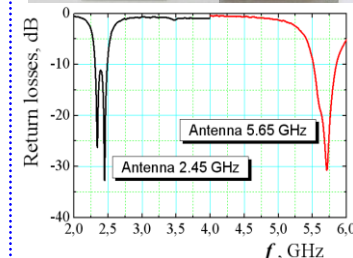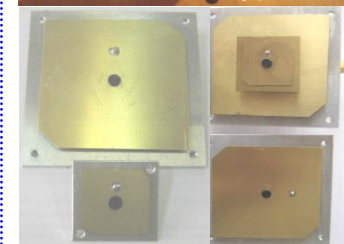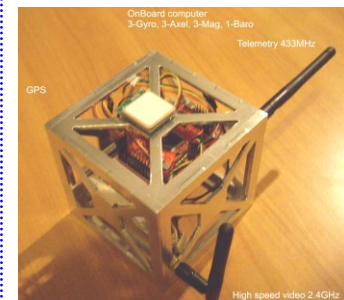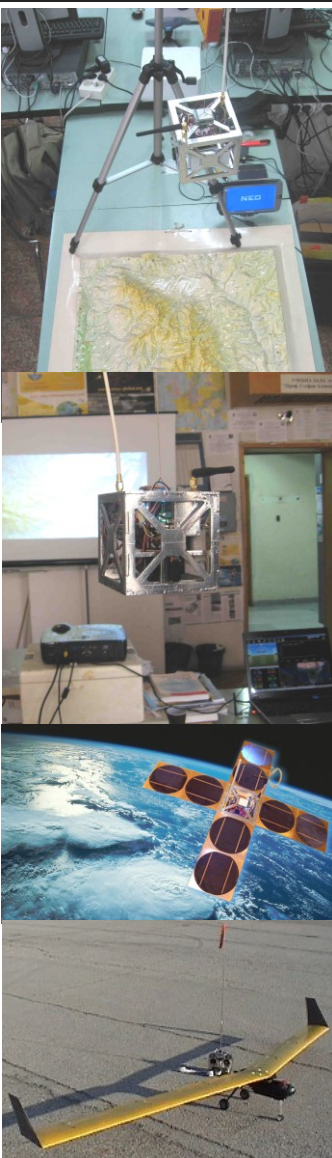
Seminar Schedule:

1st Part: 9:15-10:15 "Small Satellites, Ground Stations; Students Aerospace projects". Team: Dr. V. Vassilev, CEO of CASTRA, Assoc. Prof. P. Dankov (Faculty of Physics); Assoc. Prof. M. Gachev (CASTRA); O. Ognianov (CASTRA), S. Ivanov, MSc. Student, Aerospace Engineering and Communications

10:15-10:40 – coffee/tea break and short online demonstration: communications to/from Cubesat demonstrator (O. Ognianov; P. Dankov)

2nd Part: 10:40-11:40 "Drones – stricture and air control. Main civil applications of the UAV's". Team: Assoc. Prof. A. Fillipov (Faculty of Geology and Geography); eng. O. Ognianov (OIK Ltd.);

Online field demonstration on the next two days: On 04.06 (Saturday); 10:00-12:00; drone range "Drouzhba" (42.664502N, 23.402538E), near "Ezeroto" ("The Lake") (tram station "bul. K. Pastuhov" or metro station "Iskarsko shose". On 05.06 (Sunday) 10:00-12:00; drone range "Mladost" (42.642225N, 23.387921E), behind "Metro"; near to the metro station "Mladost-3" (A. Fillipov and O. Ognianov)

3rd Part: 11:40-12.20 "Methods for remote sensing from the air. Mapping by UAV's" team: Assoc. Prof. Y. Shopov (University Center of Space and Technology); A. Varonov, PhD student, N. Tomov (CEO of Bulsim Ltd.; CASTRA)

● Lunch for the foreign guests

For more information contact with: dankov@phys.uni-sofia.bg; info@castra.org;