



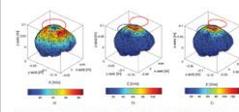
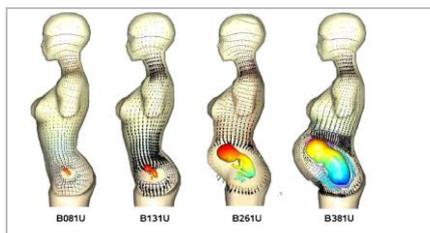
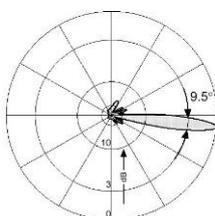
SPLIT SUMMER SCHOOL STSS2018

**COURSE: HUMAN EXPOSURE TO ELECTROMAGNETIC RADIATION**

Contact person: Boris Ljubenkovic; boris.ljubenkovic@fesb.hr

Main topics:

- Introduction to bioelectromagnetics
- Biological effects of human exposure to low frequency (LF) and high frequency (HF) fields
- Incident field dosimetry
- Electromagnetic and thermal dosimetry methods
- Risk assessment, safety guidelines and exposure limits



Programme structure:

- 5-day course
- Sample data will be provided for practice and for final presentation
- Every student gets lecture notes bound into a booklet, as well as a CD containing a digital version of the booklet

**Important dates:**

Course dates: 03/09/2018 – 07/09/2018

Deadline for application: 01/08/2018

Confirmation of the course: 15/08/2018

Payment due by: 24/08/2018

Price of the course: 300 € (tax included)

Programme plan:

- Day 1
- Introduction to bioelectromagnetics (3h)
  - Individual work/exercise (1h)
- Day 2
- Incident field dosimetry methods (3h)
  - Individual work/exercise (1h)
- Day 3
- Electromagnetic modelling of the human body (3h)
  - Individual work/exercise (1h)
- Day 4
- Thermal dosimetry methods, safety guidelines Exposure limits, (3h)
  - Individual work/exercise (1h)
- Day 5
- Students' final projects (3h)
  - Final presentations (1h)

Programme lecturers:

- D.Poljak, PhD,  
Full Professor at the University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Split, Croatia.
- V. Doric, PhD,  
Associate Prof at the University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Split, Croatia.
- M. Skiljo, PhD,  
Teaching/research assistant at the University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Split, Croatia.