



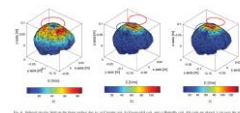
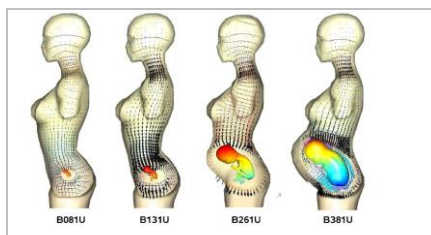
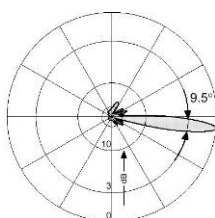
SPLIT SUMMER SCHOOL STSS2020

**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: 31/08/2020 – 04/09/2020

Deadline for application: 01/08/2020

Confirmation of the course: 15/08/2020

Payment due by: 24/08/2020

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.