



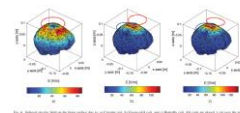
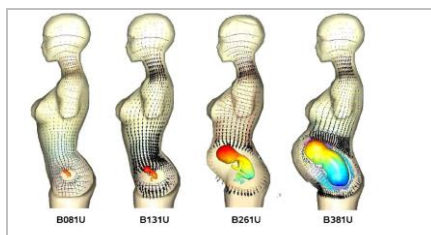
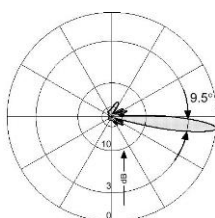
SPLIT SUMMER SCHOOL STSS2021

COURSE: HUMAN EXPOSURE TO ELECTROMAGNETIC RADIATION

Contact person: Josip Vasilj; josip.vasilj@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: 30/08/2021 – 03/09/2021

Deadline for application: 01/08/2021

Confirmation of the course: 15/08/2021

Payment due by: 23/08/2021

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.