



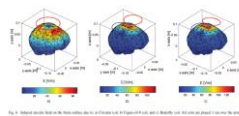
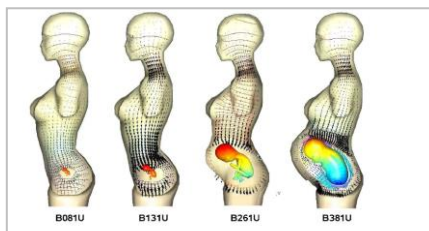
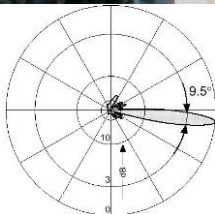
## SPLIT SUMMER SCHOOL 2023

### COURSE: HUMAN EXPOSURE TO ELECTROMAGNETIC RADIATION

Contact person: Branimir Lela; blela@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: 05/09/2023 – 09/09/2023

Deadline for application: 01/08/2023

Confirmation of the course: 15/08/2023

Payment due by: 24/08/2023

Price of the course: 300 € (tax included)

#### Programme plan:

Day 1

Programme lecturers:

- 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)

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