



# Chair of Applied Electromagnetics at FESB, University of Split, Croatia

## Ongoing projects (related to EMF-MED)

- "Measurements in EMC and EM health effects research", national research project (recently completed), principal investigator: A. Šarolić
- "Measurements in Bioelectromagnetics - M-BEM", research project (recently started), principal investigator: A. Šarolić



## Ongoing projects (related to EMF-MED)

- Enhancement of science-business cooperation for intraoperative neurophysiologic technology in Croatia (CortexSTIM) - with Lab for human neurophysiology at the Medical school, Univ. of Split, Croatia
- Recently applied project: Medical neuroelectronics applied to nerve stimulation - with Lab for human neurophysiology at the Medical school, Univ. of Split, Croatia



## Ongoing studies (related to EMF-MED)

- Effects of stimulus (signal) waveform on nerve excitability (with implications to human exposure and to functional stimulation)
- Implications of signal waveform on EMF measurements
- Exposure to EMFs in reverberant environments
- EMF dosimetry and human exposure studies



## Resources

- Measurement equipment in wide frequency range and associated know-how
- Controlled experimental EM environments
- Several commercial EM modeling and simulations software packages and associated know-how
- Interdisciplinary knowledge and activities, both experimental and theoretical