	Monday 19.11.	Tuesday 20.11.	Wednesday 21.11.	Thursday 22.11.	Friday 23.11.	Saturday 24.11.
9:00	**Opening lecture** D. Miklavčič	**Molecular dynamics simulations of lipid bilayers electroporation** M. Tarek	**Nanopulses in theory and in practice** P.T. Vernier	**Electroporation in electrochemotherapy of tumors** G. Serša	**Gene transfer *in vitro*** M.P. Rols	**Development of devices and electrodes** D. Miklavčič
9:15						
9:30						
9:45	**Resting and induced transmembrane potential** T. Kotnik			**Clinical electrochemotherapy** G. Serša	**Gene transfer *in vivo*** L.M. Mir	
10:00						
10:15						
10:30	*Coffee break*	*Coffee break*	*Coffee break*	*Coffee break*	*Coffee break*	*Coffee break*
10:45						
11:00	**Tissue in electric field** D. Miklavčič	**Electropermeabilization *in vitro*** J. Teissié	**Electropermeabilization *in vivo*** L.M. Mir	**Electrofusion** J. Teissié	**Drug and gene delivery in the skin by electroporation** V. Preat	**Electrotransfer for DNA vaccines** V. Preat
11:15						
11:30						
11:45						
12:00	Student presentation	Student presentation	Student presentation	Student presentation	Student presentation	**Closing lecture: summary and perspectives** L.M. Mir
12:15						
12:30	*Lunch break*	*Lunch break*	*Lunch break*	*Lunch break*	*Lunch break*	*Lunch break (shorter)*
12:45						
13:00						
13:15						
13:30			Social event			
13:45						
14:00	**Electroporation in food processing** S. Töpfel	**Safety and toxicity of electroporation** J. Gehl		**Non-thermal irreversible electroporation as a tissue ablation therapy** R. Davalos	**Cell-specific targeting strategies for electroporation-mediated gene delivery in the lung** D.A. Dean	Exams
14:15						
14:30						
14:45						
15:00	Practical work	Practical work		Practical work	Practical work	
15:15						
15:30						*Break*
15:45						
16:00						**Certificates and goodbye**
16:15						
16:30						
16:45						
17:00						
17:30						
18:00						
18:30						