



ARTreat Workshop – Atherosclerosis: From Clinical Diagnosis to Multiscale Modelling of Plaque Progression

Venue: Hotel CAPE SOUNIO
 SOUNIO RD GR-195 00, SOUNIO, ATTICA
 TEL: +30 22920 69700 +30 22920 69700

Sunday, May 12, 2013

Time	Topic	Presenter
09:00 – 09:15	Opening of the workshop	O. Parodi
09:15 – 11:10	Introductory Lectures Chairmen: M. Ostojic and O. Parodi	
09:15 – 9:45	ATS Plaque Formation and progression today	L.K. Michalis
09:45 – 10:15	Plaque growth and vulnerability: Predisposing anatomical, biological, genetics and environmental factors	P.H. Stone
10:15 – 10:45	Biomarkers and imaging features for prediction of plaque growth/vulnerability	P. Serruys
10:45 – 11:10	Discussion	
11:10 – 11:30	Coffee break	
11:30 – 12:50	Computational Modelling in ATS Chairmen: N. Jagic and N. Filipovic	
11:30 – 12:00	Modelling plaque progression: the state of the art	H. Samady
12:00 – 12:30	From micro to macro: The role of multiscale modelling in plaque progression	P.V. Lawford
12:30 – 12:50	Discussion	
13:00 – 14:00	Lunch at Cape Sounio Hotel	
14:00 – 16:00	Comparison and potential synergies with other ATS projects of FP7 Chairmen: R. Krams and D.I. Fotiadis	
14:00 – 14:30	ATHEROREMO Project Outcomes	E. Andreakos
14:30 – 15:00	EVINCI Project Outcomes	D. Neglia
15:00 – 15:30	ARTreat Projects Outcomes	O. Parodi
15:30 – 16:00	Discussion	
16:00 – 16:20	Coffee break	
16:20 – 18:20	New insights from ARTreat project F. Crea and I. Koncar	
16:20 – 16:50	Coronary plaque formation: insights from animal and human studies	G. Pelosi
16:50 – 17:20	Computational fluid dynamics for the assessment of ATS	N. Filipovic
17:20 – 17:50	Plaque Characterization in Coronary Imaging	D.I. Fotiadis
17:50 – 18:20	Discussion	

Monday, May 13, 2013

Time	Topic	Presenter
09:00 – 10:50	ARTreat developments and ARTool software presentation N. Filipovic and D.I. Fotiadis	
09:00 – 09:20	Applications of Hybrid Intravascular Imaging	C. Bourantas
09:20 – 09:40	Data driven modelling for the prediction of ATS progression	T. P. Exarchos
09:40 – 10:00	Carotid artery disease part 1: Integrating Magnetic Resonance Imaging with biological features	J.H. Gillard
10:00 – 10:20	Carotid Artery Disease part 2: Integrating Computed Tomography with biological features	L. Biasi
10:20 – 10:50	Discussion	
10:50 – 11:10	Coffee break	
11:10 – 12:00	General Discussion, Recommendations, questionnaires	
12:00	End of the Workshop	