

SUMMER SCHOOL OF DENTAL BIOMATERIALS

in the Seili island, Turku Archipelago, Finland on August 25-28, 2014

Dental resin composites, polymerization and related properties

Summer School Hosts:

Professor Pekka Vallittu (University of Turku)

Professor Arzu Tezvergil-Mutluay (University of Turku)

Sponsors

Heraeus Kulzer, 3M, Stick Tech – Member of GC Group, Dentsply

Summer School Final Programme

Day 1 25.8.2014

Arrival to Turku by plane, bus or train

13:00 Get together, Bus+ferry transportation from Turku city center to Seili island

16:00 Arrival to the Seili Island and check in

17:00 Course Introduction and Schedule Presentation, introduction of participants (Arzu Tezvergil-Mutluay and Pekka Vallittu)

17:15 Composites: An introduction (Prof David Watts)

18:00 Dinner

18:45 Light Curing: An Introduction (Prof Richard Price)

19:30 Introduction to Finnish Sauna

Day 2 26.8.2014

07:15 Breakfast

08:00 How the chemical formulation of dental composites necessitates control of specific variables during photo-curing and beyond to deliver meaningful scientific information (Prof David Watts)

12:00 Lunch break

13:00 Curing Lights –Why they are so important to your practice, what's old, what's new, what's the difference? Prof Richard Price

14:00 Coffee Break

14:30 The CORE principles to successful light curing. How MARC can help you deliver successful resin based restorations for your patients (Prof Richard Price)

16:30 A visit to the Finnish history and history of Seili Island and Out-door activities

18:00 Dinner and sauna

Day 3 27.8.2014

07:15 Breakfast

08:30 Composite properties and their clinical relevance (Prof Martin Rosentritt)

10:00 Coffee break

10:30 New technologies for dental composites (Prof Martin Rosentritt)

12:00 Lunch

13:30 Hands – on clinics

How to characterize the light output? (Dr Murat Mutluay, Prof Richard Price)

Use of composites for minimal invasive dentistry (Prof Pekka Vallittu, Prof. Arzu Tezvergil-Mutluay)

16:30 Conclusions and Outdoor activities

18:00 Dinner and sauna

Day 4 28.8.2014

07:15 Breakfast

08:30 Young Scientist Challenge

09:00 Biomimetic restoration and Durability; Short fiber reinforced resin composites and self-etch adhesives (Assis. Prof Akimasa Tsujimoto)

09:30 TEM interfacial characterization of 'mild' self-etch adhesives bonded to enamel/dentin (Assis. Prof. Atsushi Mine)

10:00 Coffee break

10:30 Bonding Performance of Self-etch Adhesives from the Perspective of Fatigue Limits. (Assis. Prof. Toshiki Takamizawa)

11:00 Summary and conclusions

11:30 Lunch

13:00 Departure to Turku

15:00 Arrival to Turku City Center and Goodbye