

# SUMMER SCHOOL OF DENTAL BIOMATERIALS 2023

**"Molecular and Structural Engineering of Dental Resin Based Materials"**



## **LECTURERS:**

**Hilde Kopperud, NIOM**  
**Frank Pefferkorn, Dentsply**  
**Martin Rosentritt, Uni. Regensburg**  
**Arzu Tezvergil-Mutluay, Uni. Turku**  
**Pekka Vallittu, Uni. Turku**  
**Marcel Werner, Coltene Whaledent**

*Join Us for an Unforgettable Summer School Experience!!*

Participation is limited to 25 applicants.

**Deadline for application : 15.6.2023**

Registration: 100 Euros (Includes 2 nights accomodation)

For registration please send your CV and motivation letter to: [arztez@utu.fi](mailto:arztez@utu.fi)

## **SPONSORS:**

Dentsply  
Kuraray  
Coltene-Whaledent  
GC

## **ORGANIZERS:**

Department of Biomaterials Science and  
Department of Cariology and Restorative Dentistry,  
Institute of Dentistry, University of Turku, Finland

August 16 – 18, 2023

Place: Seili Island, Turku Archipelago, Parainen, Finland

# SUMMER SCHOOL OF DENTAL BIOMATERIALS



## *Molecular and Structural Engineering of Resin Based Dental Materials*

**Date: August 16 – 18, 2023**

**Place: Seili Island, Turku Archipelago, Parainen, Finland**

<https://www.utu.fi/en/units/cerut/archipelago-research-institute/Pages/home.aspx>

<https://en.wikipedia.org/wiki/Själö>

Summer School Hosts:

Professor Pekka Vallittu (University of Turku)

Professor Arzu Tezvergil-Mutluay (University of Turku)

# SUMMER SCHOOL OF DENTAL BIOMATERIALS

## Day 1:

15:00: Arrival to Seili island

16:30-16:45 *Welcome/ Introduction of the course-participants lecturers* (Arzu Tezvergil-Mutluay and Pekka Vallittu)

**16:45-17:45 *Polymer composition engineering* ; Dr Hilde BM Kopperud, NIOM, Norway**

18:00 Dinner

19:00- Introduction to Finnish SAUNA/ Networking evening

## Day 2:

8:15 –9:15 *Polymer composition engineering* ; Part II **Dr Hilde BM Kopperud, NIOM**

9:15-10:15 *Why and how to create new structures and molecules for restorative materials."* **Dr .Frank Pefferkorn, Dentsply**

Coffee Break

10:30-11:30 " *The chemistry and physics behind dental material curing* **Dr Marcel Werner, Coltene Whaledent**

11:30-12:00 Discussion and conclusions

12:-13:00 Lunch break

13:00-14:30 *Composite properties and their clinical relevance"?: Prof Martin Rosentritt, Regensburg, Germany*

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14:30- 15:00 Coffee break

15:00-16:30 *Engineering high-strength composite materials; Prof Pekka Vallittu , University of Turku*

16:30-18:00 *A visit to the Archipelago Research Institute and Finnish history....Seili*

18:00:Dinner

19:00 Finnish SAUNA/ Networking and discussions

## Day 3:

8:00-9:00 Breakfast and packing

9:00-10:00 *Multifunctional adhesives for tooth-biomaterials interface , current challenges* (Prof Arzu Tezvergil-Mutluay) *University of Turku*

10:00-10:15 coffee break

10:15-12:00 **Young investigator forum (4 presentations)**

12:00 Lunch

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12:00-12:30 Summary and conclusions

12:30-15:00 Transportation to Turku