

Digital Dentistry from A-Z

23-25 March, 2020 – Planmeca Digital Academy Training Center, Helsinki

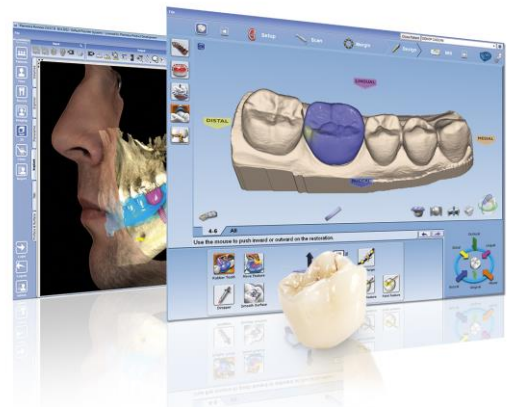
Lecturers: Dr. Bart Vandenberghe

Dr. Anni Mattila and Ms. Oona Ahllund (Planmeca CAD/CAM)

Mr. Aleksi Virta (Planmeca Creo C5 Product Specialist)

Monday, 23 March

- 8:30** Transfer from the recommended hotel to the training center
- 9:00-9:15** Welcome, coffee, introductions
- 9:15-10:45** Principles of dental imaging
2D and 3D imaging in dentistry
- 10:45-11:00** Coffee break
- 11:00-12:30** CBCT and 3D image analysis
Diagnostic applications of CBCT
Basic dental pathology examples and software considerations
- 12:30-13:30** Lunch break
- 13:30-14:30** Small, Medium & Large field-of-view CBCT
Principles of use, dosimetry and radioprotection exercises (imaging protocols)
- 14:30-15:30** Interpretation principles in radiology
2D vs. 3D interpretation
3D anatomic considerations
- 15:30-15:45** Coffee break
- 15:45-16:45** CBCT diagnostics: indications and pathology
Pathology examples and exercises
- 16:45-17:00** Wrap-up, Questions & Answers



Tuesday, 24 March

- 8:30** Transfer from the hotel to the training center
- 9:00-9:30** Welcome words by NIDE and Teacher
- 9:30-10:45** CAD CAM Dentistry – Chairside system overview and basic scanning techniques
- 10:45-11:15** Introduction to Milling System
Milling materials
- 11:15-12:30** Hands-on: Scanning, designing and milling of a single premolar crown with buccal bite
- 12:30-13:30** Lunch break
- 13:30-15:00** Hands-on: Scanning, designing and milling of a single molar crown
- 15:00-15:15** Coffee break
- 15:15-16:30** Hands-on: Scanning, designing and milling of a veneer, pre op and mirroring
- 16:30-17:00** Questions & Answers

Wednesday, 25 March

- 8:30** Transfer from the hotel to the training center
- 9:00-10:45** Introduction to 3D Printing
Creo C5 Studio
Preparing stl for printing
- 10:45-11:00** Coffee break
- 11:00-12:30** Test print
Post-processing of prints
- 12:30-13:45** Lunch break and factory tour at Planmeca
- 13:45-15:15** Hands-on: 3D printed guide
- 15:15-15:30** Coffee break
- 15:30-16:30** Hands-on: 3D printed model
- 16:30-17:00** Questions & Answers
Certification ceremony

NIDE Team contacts

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