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**Future Smiles: Digital Innovations Paediatric Dentistry and Orthodontics** M. Cadenas de Llano Pérula, M. Ezeldeen KU Leuven, Leuven, Belgium

The landscape of dental field has been dramatically reshaped over the past halfcentury, notably influenced by digital advancements that have revolutionized various dental procedures. Particularly, the emergence of three-dimensional imaging and printing has marked a pivotal shift, enhancing clinical accuracy and patient-specific treatment plans.

During this seminar/workshop we will have the following learning objectives:

- Basics of image processing for digital dentistry including hands on for available AI tools
- Applications of digital tools in Paediatric Dentistry
- Applications of digital tools in Orthodontics
- 3D printing for Paediatric Oral Care and Orthodontics