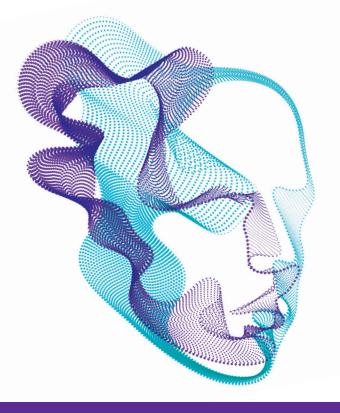
AUTUMN MEETING

BV-MKA-HH



17 & 18 NOVEMBER 2023

Thor Central Genk

REALITIES IN OMFS: AUGMENTED-VIRTUAL-FAKE-FUTURE

WELCOME

Friday 17 November 2023

10h00

101100	WELOOME	
10h30	Radioprotectie KEYNOTE: Reinhilde Jacobs OMFS IMPATH research group, Department of Imaging & Pathology, Faculty of Medicine, KU Leuven & Oral and Maxillofacial Surgery, University Hospitals Leuven, Leuven	
12h00-13h30	LUNCH	
13h30	Prof. Dr. C. Politis	
14h00	Legal framework for in-house 3D printing in Oral and Maxillofacial Surgery KEYNOTE: An Vijverman, lawyer-partner Dewallens & partners	
14h30	A novel CNN-LSTM network with spatial relationship mapping as a screening tool for inflammatory periapical lesions on panoramic imaging Jonas Ver Berne	
14h40	A deep learning approach for detection and classification of radicular cysts and periapical granulomas on panoramic images Jonas Ver Berne	
14h50	Missed head and neck cancer tibial metastasis at FDG PET-CT: case report and systematic review. Noémie Vanden Haute	
15h00	Management realisme KEYNOTE: Prof. Dr. Jan Rosier	
15h30	COFFEE	
16h00	Chasing the final diagnosis in jaw pathology KEYNOTE: dr. Uta Flucke	
16h30	The role of virtual imaging trials to study future applications of CT and CBCT imaging in dento-maxillofacial radiology Karen Merken	
16h40	Accuracy of augmented reality, virtual reality and surgical navigation for patient-specific reconstructions in orbital fractures Maarten Verbist	

16h50 **Full Virtual Workflow for Immediate** Prosthodontic Rehabilitation in Free Flap Maxillomandibular Reconstruction: a Single-**Center Cohort Series** Alexander De Moor 17h00 In-house manufacturing in Oral and Maxillofacial Surgery, present state and impact of the Medical Device Regulation Agron De Poortere 17h10 Clinical application of preoperative trauma planning with Mixed Reality for orbital reconstructions with patient-specific implants Kathia Dubron 17h20 The Use of Patient Specific Implants with **Condylar Head Preservation following** Resection of Tumors in the Mandible Joris Geusens 17h30 From automated orbit reconstruction to patient specific implant design

DISCUSSION and closing remarks

18h00 RECEPTION

19h30 DINER

17h40

REALITIES IN OMFS: AUGMENTED-VIRTUAL-FAKE-FUTURE

Saturday 18 November 2023

8h45	WELCOME	14h00	An update on the 3D-modelled dento-portal distractor: what are the benefits for surgeons
09h00	STATIK: voorstelling nieuwe website		and orthodontists? Martin Jaumotte
09h20	Revolutionizing Healthcare: Navigating the Future Landscape of Innovative Technologies KEYNOTE: Isabelle François	14h10	Comparing accuracy and comprehensiveness of ChatGPT, Bard, and OMFS residents in orthognathic surgery Xander Jackers
09h40	When an image says more Jan Van de Perre	14h20	Comparison of the different evaluation methods of orthognathic surgery outcome
09h50	Dynamic navigation in implantology using X-guide: Guiding the future or navigating complexity?		versus planning Eman Shaheen
10h00	Jeroen Meewis From Augmented Reality to Real Clinical	14h30	The BoneScalpel ultrasonic osteotome: A future must-have for osteotomies Florence Pepinster
	Success: Calvarial Boné Grafts for Immediate Full-Arch Rehabilitation in OMFS Aracelli Diez-Fraile	14h40	Automatic quantification of mandibular and facial shape: next-gen phenotyping Pieter-Jan Verhelst
10h10	3D volumetric microscopy study of vascularization of maxillary bone grafts through tissue clearing techniques	14h50	Administratief: EACMFS + EBOMFS
	Melissa Zalane	15h00	COFFEE
10h20	Administratief: HH ONCO	15h20	Extended Realities- the next giant leap for Healthcare!?
10h30	COFFEE		KEYNOTE: Linda Westernhagen, PhD
11h00	Future workforce estimates in OMFS: the difficulties of planning KEYNOTE: Prof. Dr. Brigitte Velkeneers (UZBrussel)	15h40	Facing a new reality: significant increase in necrotising fasciitis in the post-covid era? Oliver Da Costa Senior
11h20	The use of Augmented Reality in Autologous Auricular Reconstruction Herman Jr. Vercruysse	15h50	Case report: external ear canal fistula and Pseudomonas aeruginosa causing late prosthetic joint infection Maxime Le Clercq
11h40	Creating bone tissue with periosteum- derived cells Lisanne Groeneveldt	16h00	Why do we irradiate a free flap shortly after an oncologic reconstruction? Maximilaan Smeets
11h50	The future of health care and its impact on OMFS KEYNOTE: Prof. Dr. Koen Kas (UG en Healthskouts)	16h10	Future Reality in Maxillofacial Reconstruction: The Synthetic Free Flap Camille Partoune
12h30	Administratief: BV-MKA-HH	4/1.00	
12h40	LUNCH	16h20	Horizontal ridge augmentation using guided bone regeneration combining particulate allograft mixed with platelet-rich fibrin,
13h40	Ethics and AI KEYNOTE: Prof. Dr. Lode Lauwaert (KULeuven)		collagen membrane and tent-screws: a prospective study Keddar Mehdi

16h40	Importance-performance analysis of quality indicators in head and neck oncology Tomas-Marijn Croonenberghs
16h50	Performance evaluation of ChatGPT for diagnosis and differential diagnosis in Oral and Maxillofacial Surgery emergencies Melissa Peters
17h00	Quality indicators and the evolution of 3D technologies in dental implantology Laurence Verstraete
17h10	Outpatient diagnosis of OSAHS: a new standard Charlotte Bodet
17h20	DISCUSSION and closing remarks

Administratief: IAOMS

16h30