

SPEAKER PROFILE

Dr. Gopu Sriram is Director of the Discipline of Oral Sciences and a Senior Lecturer at the National University of Singapore's Faculty of Dentistry, Thrust Lead at the NUS Centre for Additive Manufacturing and an affiliate of the Department of Biomedical Engineering; he leads the Tissue Mimetics Laboratory where his interdisciplinary research applies tissue engineering, microfluidics, 3D bioprinting and AI to develop biofabrication strategies for personalized grafts and animal alternative models, study host-microbiome-material interactions in periodontal disease, evaluate biocompatibility of oral/dental products, and drive regeneration of dental, oral and craniofacial tissues. His work has been published in leading multidisciplinary journals, he and his trainees have earned numerous awards (including IADR regional and international prizes, the Global 3Rs Award, and NUS teaching recognition), and he is also an entrepreneur who cofounded a Singapore startup to translate lab innovations into realworld applications.



DR. GOPU SRIRAM

11.30am AI Optimization for Research in Bioprinting

Dr. Charlene Goh is an Assistant Professor in the Discipline of Primary Dental Care and Population Health at the Faculty of Dentistry, National University of Singapore (NUS), and an Associate Consultant at the National University Centre for Oral Health, Singapore.

Her research investigates the connections between oral and systemic health, with a particular emphasis on the role of the oral microbiome—especially its influence through the nitrate-nitrite-nitric oxide pathway. In addition, she explores how innovative tools, such as mHealth, artificial intelligence, and wearable sensors, can empower patients to manage their own oral health and adopt sustainable behavioural changes.



DR. CHARLENE GOH

12.00pm AI Applications in Dental Public Health

Prof Peter Svensson is a leading clinician-scientist in orofacial pain, currently a Professor at the National University of Singapore and Senior Consultant at the National University Centre for Oral Health; formerly Head of Orofacial Pain at Aarhus University. He holds DDS and PhD degrees, has published 600+ peer-reviewed works (H-index 78), co-authored international classifications/guidelines, and researches peripheral and central mechanisms of orofacial pain, bruxism, neuroplasticity, sensory testing, electrophysiology, and imaging. He has given 400+ invited lectures, is Editor-in-Chief of the Journal of Oral Rehabilitation, and remains an active clinician integrating research, teaching, and patient care.



PROF. PETER SVENSSON

3.00pm Orofacial Pain Impact on Oral Health and Function

4.00pm Bruxism, its Implications and Management

16th NUS-SDA DISTINGUISHED SPEAKER PROGRAMME

PROFESSOR REINHILDE JACOBS

Advancing Dentistry Through Artificial Intelligence

Explore AI-Driven Improvements In Diagnosis, Treatment Planning and Patient Outcomes

DATE:

Sunday, 2 November 2025

TIME:

9.00am - 5.40pm

VENUE:

LT35 at MD6 Building (NUS) Level 1

Yong Loo Lin School of Medicine

14 Medical Dr, Singapore 117599

ORGANISER:



CO-ORGANISER:



**CPE
POINTS 8**

**SCAN / CLICK TO
REGISTER**



REGISTRATION FEE (INCL. GST)

(Closing Date: Fri, 24 Oct 25)

SDA Member: S\$54.50 | Non-SDA Member: S\$163.50

PROGRAMME SCHEDULE

LT35 @ MD6 Building (NUS) Level 1

TIME	TOPIC
8.30am - 8.55am	REGISTRATION
MORNING SESSION CHAIRPERSON: DR. FLORENCE KOK	
8.55am - 10.00am	Welcome Address Prof. Chris Peck, Dean, NUS Dentistry Dr. Eugene Tang, President, Singapore Dental Association
	AI for Diagnosis Prof. Reinhilde Jacobs
10.00am - 10.30am	TEA BREAK
10.30am - 11.30am	AI for Treatment Planning Prof. Reinhilde Jacobs
11.30am - 12.00pm	AI Optimization for Research in Bioprinting Dr. Gopu Sriram
12.00pm - 12.30pm	AI Applications in Dental Public Health Dr. Charlene Goh
12.30pm - 1.00pm	Q & A
1.00pm - 2.00pm	LUNCH BREAK
AFTERNOON SESSION CHAIRPERSON: DR. ISHREEN KAUR	
2.00pm - 3.00pm	CBCT Advances Prof. Reinhilde Jacobs
3.00pm - 4.00pm	Orofacial Pain Impact on Oral Health and Function Prof. Peter Svensson
4.00pm - 5.00pm	Bruxism, its Implications and Management Prof. Peter Svensson
5.00pm - 5.40pm	Q & A
	CONCLUDING ADDRESS
5.40pm	END OF PROGRAMME

PROGRAMME SYNOPSIS

The NUS-SDA Distinguished Speaker Program returns with a focus on the transformative role of Artificial Intelligence (AI) in Dentistry.

This year's program features:

- A keynote address by a globally recognized expert in AI and its dental applications
- Presentations by leading local researchers contributing to innovation in related fields
- A special session on Orofacial Pain and Bruxism, delivered by a world-renowned expert who has recently joined NUS Dentistry

This event offers valuable insights into the future of dental care and is open to all SDA members.

SPEAKER PROFILE

Reinhilde Jacobs is a distinguished dental scientist and radiologist: she holds a PhD in Dental Sciences (KU Leuven), periodontology training (KU Leuven) and a Master in Dental Radiology (University of London). A full professor at KU Leuven and visiting professor at Karolinska Institutet and Dalian Medical University, she leads the OMFS ImPath research group and serves as Clinical Head of DentoMaxilloFacial Radiology at University Hospitals Leuven. She is Secretary General of the International Association of DentoMaxilloFacial Radiology and an editor for several journals. Jacobs has won multiple awards and honors (including a Dr. Honoris Causa and membership in the Academia Europaea), contributed to five European research projects, co-authored six books and over 750 peer-reviewed publications, and has an H-index of 89 (Scopus).

READ MORE FOR FULL CV

PROF. REINHILDE JACOBS

9.00am AI for Diagnosis

10.30am AI for Treatment Planning

2.00pm CBCT Advances

