Experience the



A whole new experience in biomimétic training.

The pursuit of *éxcellence*.

One year.

One focus.

One year. Your year.

online lecturing

live event

hands-on

journal club

case presentations

case discussion

WhatsApp group

Filip Keulemans Hugh Byrne Raphael Wymann **Cristina Lopez**

Ruslana Kolisnyk

German Dorgan

Anna Hauser

live lectures

Bart van Meerbeek Falk Schwendicke

Jack Ferracane

Mutlu Özcan

Albert Feilzer

Andreas Bindl

zoom lectures

Agnè Malisauskiene Hal Duncan René Daher

If you have a passion to take your restorative dentistry to the next level, then mimétika is for you.

Our year-long program is built to provide a strong scientific, evidence base to your clinical reasoning. With online lectures, regular Q&A sessions, peer-to-peer case presentations, hands on seminars and world-class invitational lecturers, this is a training program like no other. It will stretch you and cause you to reflect on what you do and why you do it.

With the knowledge you gain, you will be confident in diagnosis, in fundamentals like managing hard tissue defects and adhesion, in the appropriate use of fibres and in your options to restore directly or indirectly. Connecting you to a network of passionate, like-minded clinicians, your clinical practice will be elevated to the highest levels.

Learning objectives

- Understand how to assess the biomechanics of teeth and the impact restorative dentistry can have.
- Understand contemporary approaches to managing hard tissue defects carious lesions, erosive and sclerotic lesions, structural defects and cracks into dentin.
- Gain a deeper understanding of adhesion and learn protocols to maximise both the strength and durability of your bond to dental tissues.
- Learn about the various fibres available to dentists and the most appropriate use of them in bio-inspired adhesive dentistry.
- Become more confident in treatment planning for direct or indirect adhesive restorations.

«mimétika is one of the best biomimetic courses I have taken; believe me, I have taken them all.»

Dr. Ashley Chung, USA

@ @dr.ashlifts

«Mimétika is one of many courses I've taken but I have to say that it exceeds all other biomimetic courses out there. This course will open your mind to the science behind each & every step in restoring teeth biomimetically. You won't regret signing up for this course!»

«If you want to work towards excellence in advanced adhesive dentistry, don't waste your time, join mimétika. this program is a whole different story!»

> Dr. Pardis Doosti, Iran @ @dr.pardis.doosti

«This one course has been the single best investment in 25 years of dentistry for me and paid for itself in the first 2 months.»

> Dr. Paul O'Boyle, Ireland @ @paul_o_boyle_dental

«mimétika is much more than a dental course - it's an education. The small number of course participants and daily contact between everyone for support, case sharing and Q&A is invaluable.»

«The program has surpassed my expectations. Highly recommended!»

Dr. Isabel Suate, USA

@myfloridadentist

«mimétika is hands down one of the best courses l've taken!»

Dr. Noémi Elhadad, Canada (a) @dr.noemi.elhadad

online lecturing

Filip Keulemans, Raphael Wymann & Hugh Byrne will lead you through the whole é-learning process to achieve excellence in bio-inspired advanced adhesive dentistry. Guest speakers will give you an insight into their profound knowledge in a specific field. All the lectures will be given to you in a pre-recorded format 2–4 weeks before the Q&A zoom-meeting, where you can ask questions and receive further explanations. In addition, specific papers and clinical cases related to each topic can be discussed in these sessions. That way all participants can watch and rewatch the lectures at their own speed and benefit more from the Q&A session.

live event

During the live event you will get the opportunity to learn from **world class speakers** during the symposium on Friday.

On Saturday and Sunday our focus lies on the **hands-on part**, where you will learn the practical skills . The **social part** will play a big role during the live event. You will meet not only the attendees of your group, but the **alumni** who will be in Zurich as well.

lecturing days

one year	Saturdays 13:00 Paris time	zoom
January	18.01.2025	Q & A
February	22.02.2025	Q & A + cases
March	22.03.2025	Q & A + cases
April	26.04.2025	Q & A + cases
May	09.05.2025 10.05.2025 11.05.2025	LIVE EVENT
June	14.06.2025	Q & A + cases
July	SUMMER BREAK	
August	30.08.2025	Q & A + cases
September	13.09.2025	zoom lecture - LIVE
October	18.10.2025	zoom lecture - LIVE
November	15.11.2025	zoom lecture - LIVE
December	13.12.2025	case presentations

9.5.-11.5.2025 ZURICH, SWITZERLAND THE DOLDER GRAND

live event





9.5.-11.5.2025 ZURICH, SWITZERLAND

The adhesive (r)evolution at 70 Buonocores legacy

Friday 09.05.2025

This very special event is dedicated to the groundbreaking article by Dr. Michael Buonocore and its 70. Anniversary.

In 1955, Dr. Michael Buonocore published his now landmark paper in the Journal of Dental Research, "A simple method of increasing the adhesion of acrylic filling materials to enamel surfaces". To celebrate the 70th anniversary of this groundbreaking paper, we have invited some of the top researchers in their fields to provide insights into the current status and the future trends of their areas as it intersects with adhesive, restorative dentistry. A symposium like no other, join with us as we look to the past and envision a future... "Buonocore at 70"

08:30 09:00	Door opening			
09:00 - 09:15	Introduction: Buonocore's legacy	Filip Keulemans		
09:15 - 10:00	Caries removal	Falke Schwendicke		
10:00 - 10:45	Adhesion to tooth tissues	Bart Van Meerbeek		
\$	Coffee break			
11:15 - 12:00	Resin-based composites	Jack Ferracane		
12:00 - 12:45	Shrinkage and Contraction stress	Albert Feilzer		
Lunch				
14:00 - 14:45	Ceramics	Andreas Bindl		
14:45 - 15:30	Adhesion to indirect restorative materials	Mutlu Özcan		
&	Coffee break			
16:00 - 17:30	Round table discussion: What happens next?			
	Social Dinner			

Saturday 10.05.2025

09:00 - 11:00	Endo - Resto Lecture	Filip Keulemans
11:00 - 12:00	Demo: Bio-Block	Filip Keulemans
13:30 - 17:00	Hands-on: Bio-block 3 different approches.	Hugh Byrne Filip Keulemans Raphael Wymann

Gala Dinner

Sunday 11.05.2025

09:30 – 10:30	Demo: indirect preparation a/ overlay prep b/ simple biobase: Mimétika IDS/fibre lay-down/cavity optimisation EXF	Raphael Wymann Filip Keulemans
11:00 - 13:00	Hands-on: indirect preparation	
	Lunch	
14:30 - 15:00	Demo: Luting of indirect	Raphael Wymann
15:30 - 16:00	Demo: direct restoration	Hugh Byrne
	a/ Mimétika IDS	Filip Keulemans
	b/ DME + rewalling	
	c/ Advanced Biobase:	
	wallpapering/EXP/EXF layering	
	d/ Enamel replacement: Cusp by	
	cusp	
16:00 - 17:30	Hands-on	



Dr. med. dent. Raphael Wymann Graduated in 2006 from the University of Berne (Switzerland). From 2006 until 2009, he worked as an associate dentist in a general dentistry practice. During this period, he started working with CAD/CAM systems and implemented a fully adhesive treatment protocol.

In 2007, he finished his doctoral thesis in the field of maxillofacial surgery. Since 2009, he has owned a dental practice in Berne (Switzerland).

After mainly focusing on implantology and endodontology for the first 7 years of his career, he then switched to advanced adhesive and Biomimetic Restorative Dentistry. In these fields, he was trained by Pascal Magne, Didier Dietschi, Tommy Rocca, David Gerdolle, and others.

He is a graduate of the Masters Programme for Microinvasive and Aesthetic Dentistry at the University of Geneva.

He is a tutor and faculty member at the University of Geneva in the Division of Cariology and Endodontology.



Dr. PhD Filip Keulemans

DMD Hugh Byrne Graduated in 2000 from the Free University Brussels (Belgium), he followed a 2year part-time postgraduate training in restorative dentistry at the same university. From 2005, he conducted research as a PhD student at the Department of Dental Materials Sciences of the Academic Centre for Dentistry Amsterdam (University of Amsterdam, Netherlands) under the supervision of Albert Feilzer. He received his PhD in 2010 from the University of Amsterdam with a thesis entitled "Exploring the limitations of fibre-reinforced composite fixed dental prostheses." During his PhD, he started a research collaboration with the FRC research group of Pekka Vallittu (University of Turku, Finland).

From 2010 till 2016, he was responsible for Dental Materials Science and the skills lab in restorative dentistry at Ghent University (Belgium).

Today, he works as a Biomimetic Restorative Dentist at a dental clinic (Dentart Flora) in Merelbeke, Belgium. Furthermore, he's still affiliated with the Turku Clinical Biomaterials Centre (TCBC) at the University of Turku (Finland) as a research associate. His research interests mainly include Dental Materials Science (characterization, evaluation, and development of fibre-reinforced composites) and Biomimetic Restorative Dentistry.

Since October 2023 he returned to his scientific Alma mater, Academic Centre for Dentistry Amsterdam) as an associate professor in restorative dentistry.

Graduated in Dental Science in 1995 from DDUH, Trinity College, Dublin University (Ireland).

At the same college he served as a faculty member for 20 years. He has spent the last 25 years working in general practice with an inter-

est primarily in conservative adhesive dentistry.

Amongst others, Hugh got trained by Newton Fahl & Didier Dietschi.



Prof. Dr. Bart van Meerbeek Bart Van Meerbeek obtained his DDS in 1988 and his PhD in 1993 at KU Leuven (University of Leuven) in Belgium. He continued his research activity abroad for one year at the University of Texas Health Science Center at San Antonio, Texas, and later also at the University of Missouri-Kansas City. In 1995, he became Assistant Professor ('Docent') at KU Leuven and since then teaches Dental Biomaterials Science. In 1998 and 2002, he was promoted respectively to Associate Professor ('Hoofddocent') and Professor ('Hoogleraar'), and in 2005 to Full Professor ('Gewoon Hoogleraar'). From august 2020, he serves as Chair of the Department of Oral Health Sciences of KU Leuven for the next four years. He founded BIOMAT, the Biomaterials Research group, which focusses on diverse kinds of biomaterials with orofacial application, and encompasses fundamental material science and biological cell culture, micro-organism and animal research, as well as applied laboratory and clinical research. His primary research interest involves studies related to the broad field of Adhesive Dentistry, including fundamental as well as clinical research regarding dental adhesive technology in particular. Newer research lines deal with Dental Ceramics, Cariogenicity & Biocompatibility of Dental Materials, Bioactive Materials and Pulp-preservation Material Technology. His research work has been published in more than 400 peer-reviewed journals and has been honoured with awards such as the 1996 triennial Robert Stock Award for best PhD dissertation in Biomedical Sciences, Albert Joachim Award in 1997, Award in Biomedical Sciences of the Research Council of KU Leuven in 1998, IADR Young Research Award in 2000, SmithKline Beecham Award in 2001, Academy of Operative Dentistry Buonocore Memorial Lecturer in 2003, CED-IADR (Continental European Division of IADR) Robert Frank Lecturer in 2008, 2014 IADR/AADR William J. Gies Award for the best 2014 JDR paper in the Biomaterials & Bioengineering Research category, and the 2015 IADR Wilmer Souder Award (IADR Distinguished Scientist award for Dental Materials). In 2003, he became holder of the Toshio Nakao Chair for Adhesive Dentistry. He was President of the Pan-European Federation of IADR in 2006-2007 and is currently serving as Secretary of the Continental European Division of IADR or CED-IADR. Recently in September 2019 (Madrid), he was elected as President Elect of CED-IADR and became CED-IADR president in September 2020 with the task to organize the 2021 CED-IADR/NOF Oral Health congress in Brussels (September 16-18, 2021: https://ced-iadr2021.com/). Since 2004, he is Editor-in-Chief of the Journal of Adhesive Dentistry.



Prof. Dr. Jack Ferracane Jack Ferracane is Professor and Chair of Oral Rehabilitation and Biosciences at Oregon Health & Science University, Portland, Oregon. Dr. Ferracane earned his Ph.D. in Biological Materials from Northwestern University. He is a founding fellow and past-President of the Academy of Dental Materials. He is a past-President of the American Association for Dental Research. He is the recipient of the Wilmer Souder Award from the Dental Materials Group of the IADR, the Founders Award from the Academy of Dental Materials, and the Hollenback Award from the Academy of Operative Dentistry. He is an honorary member of the American College of Dentists and the Oregon Dental Association. He is the inaugural Editor-in-Chief of the journal JADA Foundational Science. He has authored or co-authored several textbooks on dental materials and operative dentistry, and has published extensively on biomaterials. His research is funded by the NIH/NIDCR as well as private industry. He also is actively involved in the establishment and operation of networks designed to conduct dental clinical research in the private practice setting.



Prof. Dr. Falk Schwendicke

Professor and Director of the Clinic for Conservative Dentistry and Periodontology at the Ludwig Maximilian University Hospital in Munich, Germany's largest dental clinic. Prof. Schwendicke's research focuses on restorative and preventive dentistry, dental diagnostics and artificial intelligence, health economics, health services research and public health. He has authored over 500 articles, 200 abstracts and 30 book chapters and has been invited to give over 300 lectures worldwide, including the Buonocore Memorial Lecture. Prof. Schwendicke has received a number of prestigious awards and is a reviewer for over 40 journals, including Lancet and the New England Journal of Medicine, as well as for various national funding organizations. He is Associate Editor of the Journal of Dental Research and heads working groups at the World Health Organization WHO, the World Dental Organization FDI, the International Standards Organization ISO. Prof. Schwendicke holds honorary professorships at the Universities of Aarhus (Denmark) and Chennai (India). He has been one of the most cited researchers in dentistry worldwide for many years (Stanford ranking <1%).

Mutlu Özcan has earned her Dentistry Licenciate in 1993 in Istanbul, Turkey, Dr. med. dent. degree in 1999 in Cologne, Germany. After working as an invited visiting researcher at the University of Turku in Finland between 2000-2002, she did her Doctorate in Medical Sciences (PhD) in 2003 in Groningen, The Netherlands and appointed to be a full professor for Clinical Dental Biomaterials at the University of Groningen, The Netherlands in 2007.

Between 2009-2023, she was the Head of Division of Dental Biomaterials at the Clinic for Reconstructive Dentistry, University of Zurich, Switzerland, between 2020-2023 Director a.i. Professor, Clinic of Masticatory Disorders and since 2023 Director Professor, Clinic of Masticatory Disorders and Dental Biomaterials at the same university. She is currently the Director of Center of Dental Medicine, University of Zurich.

She also holds Honorary Professorship positions at various universities some of which are São Paolo State University (Brazil), University of Florida (USA), and University of Hong Kong (China).

She has authored more than 900 ISI Web of Science indexed original scientific and clinical publications (h-factor: 98), is a well-sought lecturer, receiver of several international awards, and serves for the editorial boards of numerous scientific journals.

She is EPA-Recognized Specialist in Prosthodontics, Honorary Secretary of the European Prosthodontic Association (EPA), Past president of the International Academy of Adhesive Dentistry (IAAD), IADR / Clinical and Translational Science Network, International Association of Dental Research (IADR) / Dental Materials Group (DMG), Fellow of Academy of Dental Materials (FADM), Fellow of International College of Dentistry (FICD) and Fellow in Dental Surgery of the Royal College of Physicians and Surgeons of Glasgow, FDS RCPS (Glasgow).

Prof. Özcan is the recipient of the prestigious "2018 IADR Distinguished Scientist Wilmer Souder Award". In the same year, she received "Dr. honoris causa" title from Romania.

Her clinical expertise is on reconstructive dentistry and her scientific work focuses on translational and clinical research with a particular emphasis on the development and application of dental biomaterials.



Prof. Dr. Mutlu Özcan



Prof. Dr. Albert Feilzer Albert Feilzer (1957) studied dentistry at the University of Amsterdam, graduating in 1982. In 1989, he obtained his PhD with a thesis entitled 'Polymerization Shrinkage Stress in Dental Composite Resin Restorations, an in-vitro investigation'. In June 2009, he received a master's degree in Health Care Management.

From 1982 to 1998, he worked part-time in his own dental clinic in Amsterdam as a dentist-general practitioner and part-time as an academic researcher at the Department of Dental Materials Science of the Academic Center of Dentistry Amsterdam (ACTA). In 1998, he transitioned to a full-time position at ACTA, serving half-time as the director of the Institute of Dental Care of ACTA (1998-April 2001) and half-time as a professor in Quality of Dental Materials, Instruments, and Techniques in the Department of Dental Materials Science. This chair was initially established as an endowed chair by the Royal Dutch Dental Association (KNMT) and was converted into a regular chair in Dental Materials Science in January 2003.

From July 2001 to January 2007, in addition to his role at ACTA, he worked one day a week as a Professor of Standardization in the Department of Management of Innovation and Technology at the Rotterdam School of Management (Erasmus University Rotterdam). This endowed chair was established by the Dutch Normalization Institute (NEN). From July 2008 to June 2009, he was chairman of ACTA's Department of Oral Function and Restorative Dentistry.

From June 1st, 2009 to June 1st, 2019, he served as dean of the combined faculties of Dentistry of the UvA and VU. Currently, he is a full professor in comprehensive dentistry and chairman of the Department of Restorative and Reconstructive Oral Care of ACTA.



PD Dr. Andreas Bindl 1994 Dissertation and Doctorate Degree, Freie Universität Berlin

1994-1997 Assistant at the Station for Tooth-Colored & Computer Restorations (Prof. Dr. W.H. Mörmann), Clinic for Preventive Dentistry, Periodontology and Cariology, Center for Dental, Oral, and Maxillofacial Medicine, University of Zurich since 1997 Lectureships at the Medical Faculty of the University of Zurich for Restorative Dentistry, Periodontology, and Endodontics & Restorative Computer Dentistry

1997-2007 Senior Physician & Head of Clinic at the Station for Tooth-Colored & Computer Restorations (Prof. Dr. W.H. Mörmann), Clinic for Preventive Dentistry, Periodontology and Cariology, Center for Dental, Oral, and Maxillofacial Medicine, University of Zurich

2006 Habilitation (Venia Legendi) at the University of Zurich for the subject "Dentistry with special consideration of Restorative Computer Dentistry"

since 2007 Taking over the Station for Tooth-Colored & Computer Restorations, continued as 'Practice at Zurichberg'. Senior Physician (20% position) Department of Restorative Computer Dentistry, Clinic for Preventive Dentistry, Periodontology, and Cariology, Center for Dental Medicine, University of Zurich



Dr. Agnè Malisauskiene



Prof. Dr. Hal Duncan



René Daher

Dr. Agne Malisauskiene is an internationally recognised dentist and lecturer who specialises in direct anterior restorations.

Lecturing and teaching live and virtual hands-on courses focusing on techniques to restore anterior teeth with correct anatomical and optical properties.

Vilnius University, masters degree in dentistry, general dentist qualification - 2013.

Work experience - working in a fast-paced dental practice in Vilnius. Educator in the Baltic Academy of Aesthetic Dentistry

Dr Hal Duncan, BDS, FDS RCS, FFD RCSI, MClin Dent, MRD RCS (Endo), PhD Prof/ Consultant in Endodontics, Trinity College Dublin, received his dental degree from the University of Glasgow and his endodontic speciality training in Guy's Hospital, King's College London. For ten years, he worked part-time in spe- cialist referral endodontic practice, and he has led endodontic teaching, service delivery and research in Dublin Dental University Hospital (DDUH) for the last 13 years. He has published over 80 international peer-reviewed scientific articles, 40 research abstracts, 17 book chapters as well as editing 2 textbooks. He was the primary author of the recent European Society of Endodontology (ESE) position statement on 'Management of deep caries and the exposed pulp' and is the lead of the ongoing 'ESE S3-level Guidelines for the Treatment of Endo- dontic Disease'. He is currently the Editor in Chief of the International Endodontic Journal. Hal has completed three sponsored research fellowships in New York University/ Rutgers University investigating the role of epigenetic-modifying agents on tooth development and regeneration as well as multiple research grants as principal investigator. In DDUH, he currently maintains a research lab and super-vises several clinical and scientifically trained PhD students and postdoctoral researchers in basic and translational pulp biology and endodontics. Currently, he is the Director of Research in the DDUH, the Chair of Membership Committee of the ESE, a Member of the Executive Board of the ESE, the President of the Irish Division of the IADR, the Vice-President of the Pulp Biology and Regeneration Group of the IADR and a Board Member of the Pan European Region of the IADR.

Dr. René Daher started working as a teaching and research fellow at the University of Geneva (Geneva, Switzerland) in 2014, in the division of Cariology and Endodontology. He later obtained his doctorate in dental medicine from the same university and in 2019 his PhD title from the department of dental materials at ACTA (Amsterdam, the Netherlands) under the co-direction of Professor Albert Feilzer and Professor Ivo Krejci. In 2020, Dr. Daher participated along with Professor Irena Sailer, Professor Ivo Krejci and MDT Vincent Fehmer in the creation of a new multidisciplinary Master's program in digital dental technologies, and became the coordinator and member of its steering committee. He also attended the specialization program in reconstructive dentistry from 2019 to 2023 within the division of Fixed Prosthodontics and Biomaterials of University of Geneva.

Dr. Daher is author of multiple international peer-reviewed publications on topics of 3D printing, digital workflows and minimally invasive treatments for worn dentitions and endodontically treated teeth. He also serves as a reviewer for the Journal of Prosthetic Dentistry since 2018, Journal of Operative Dentistry since 2019, Clinical Oral Investigations since 2019, International Journal of Esthetic Dentistry since 2022 and Dental Materials since 2014. He is also on the editorial board of Frontiers in Dental Medicine since 2021.

team mimétika



Cristina Lopez

Ruslana Kolisnyk

Cristina Lopez obtained her degree in 2002 at the UEM in Madrid. In 2005, she completed a master's degree in periodontics and oral surgery. In 2010, after 2 years of activity in London, she moved to Geneva, where she became very interested in adhesive and minimally invasive dentistry. In 2019, she obtained her diploma as a master in aesthetic and minimally invasive dentistry from the University of Geneva, and since then, she has been working as a collaborator of this university both at undergraduate and postgraduate level. In parallel, she works in a private practice as a specialist in aesthetic and minimally invasive dentistry. In 2023, she followed the mimétika one-year program in order to deepen in the field of advanced adhesive dentistry and to improve her technical and theoretical knowledge. Since then, she has been part of the mimétika group, where she actively collaborates in formation and organization.

Cristina Lopez is an affiliate member of the EAED (European Academy of Esthetic Dentistry)

Ruslana Kolisnyk was born in the Ukraine and graduated in 2017 from Jagiellonian University in Krakow (Poland). Immediately after, she started working as a general dentist in Bergen and Oslo (Norway), but changed her working environment towards Belgium since 2020. In 2021 she joined the Biomimetic Mastership program by David and Davey Alleman. Nowadays she's practicing Bioinspired Advanced Adhesive Restorative Dentistry in Antwerp (Belgium). Furthermore, she shares her talent and skills as hands-on instructor for mimétika.



German Dorgan

German Dorgan was born in Argentina and raised in Spain, in 2010 following in the footsteps of his grandfather, father and mother qualified as dentist at "Universidad Europea de Madrid (UEM)" After working for a couple of years in Spain, in 2012 he relocated to the UK and worked at an NHS practice to gain experience as a General Dental Practitioner. In 2018 he moved to a fully private practice and has undertaken numerous courses relating to restorative based dentistry. 2016-2017 Tipton Training Cosmetic & amp; Aesthetic Course in London. 2019 Matt Nejad got first introduced to Biomimetic Restorative Dentistry in London 2020-2021 David Alleman Biomimetic Mastership 2022 he joined mimétika, where he's a lecturer and hands-on instructor. Since 2020 German lectures intensively in and around London about Biomimetic Restorative Dentistry.



Anna Hauser was born in Austria and graduated from Medical University of Vienna in Austria. 2019 she started her Biomimetic journey with Matt Nejad in London and attended the Biomimetic Mastership Program of David and Davey Alleman. 2020 Founding D4 - a private practice near Salzburg, Austria, where she's practicing Bio-inspired Advanced Adhesive Restorative Dentistry. Since 2022 she's a lecturer and hands-on instructor for mimétika.

Anna Hauser

The course is open to a limited group of participants. This is the only way that we can deliver high-quality education. Enrollment: online inscription on www.mimetika-congress.com

Costs. CHF 10'500.- (5 x 2100.-) or CHF 10'000.- onetime payment

Tuition fee Swiss Francs 10'500.– (or 10'000.– onetime payment) covers all aspects of the program lectures, the live event (incl. social event on Friday + Saturday) and the webinars. It does not cover the participant's personal travel and hotel costs associated with attendance at the live event in Zurich.