

# The Geneva Concept - Advances in digital dentistry for your daily practice.

Digital technologies offer numerous advantages for digital implant planning and fabricating tooth-supported and implant reconstructions. Using 3D radiographic and optical surface imaging allows the clinician to create a virtual patient which can guide the diagnostic and therapeutic treatment phases from digital implant planning, implant surgery and fabricating the definitive prostheses. From a diagnostic standpoint, these workflows, when coupled with additive manufacturing of resin mock-ups, are extremely beneficial in the communication between the clinician, the patient and the laboratory technologist for both tooth- and implant-supported reconstructions.

During the restorative treatment phases, digital dentistry then allows us to virtually design and mill (CAD/CAM) monolithic restorations, either chairside or by using centralized production facilities. These digital workflows, especially when coupled with monolithic material such as zirconia, offer numerous advantages, such as treatment efficiency and precise fit and occlusion that can be readily obtained within any dental practice. The predictability of these workflows, when coupled with a sound understanding of conservative tooth preparation and bonding to tooth structure allows to deliver a variety of tooth-supported and implant-supported prostheses.

More recently, additive manufacturing (3D printing) has also been introduced for producing dental restorations. Stereolithography, laser sintering, and printing of materials such as wax, resins and metals have been shown to be more precise than subtractive manufacturing. Additive manufacturing can also be more efficient than subtractive methodologies due to the potential for increased efficiencies and reduction of waste material.

Educational & Learning Objectives:  
Following the discussion, participants will:

- Understand the systematic approach of evidence-based treatment planning
- Understand the value of conventional and digital diagnostic procedures
- Learn how to efficiently transfer the digital diagnostics into a final restoration
- Learn how to make an optical implant scan and how to adhesively cement a monolithic crown to a Ti-Base
- Understand the pros and cons as well as the limitations of the current available restorative materials
- Understand how to appropriately select restorative materials for predictable white and pink esthetics

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Eastman Institute for Oral Health  
625 Elmwood Avenue  
Rochester, NY 14620-2989



## 43rd Annual Allen A. Brewer Prosthodontic Conference

Featuring



Irena Sailer,  
Prof. Dr. med.dent;  
-Head of the Division  
of Fixed Prosthodontics & Biomaterials;  
-University of Geneva,  
Switzerland



Vincent Fehmer,  
BDT, MDT;  
-Master Dental Technician, Division of Fixed  
Prosthodontics & Biomaterials;  
-University of Geneva,  
Switzerland

June 14, 2024  
Rochester, NY

Earn 7 CDE credits while  
connecting  
with colleagues and alumni!



Eastman Institute for Oral Health Continuing Education

**ABOUT THE SPEAKERS:**

Vincent Fehmer received his dental technical education and degree in Stuttgart, Germany in 2002. From 2002 to 2003 he pursued fellowships in UK and the US in Oral Design-certified dental technical laboratories. From 2003 to 2009 he worked at an Oral Design-certified laboratory in Berlin, Germany – The Dental Manufaktur Mehrhof. In 2009 he received the degree of MDT in Germany. From 2009 to 2014 he was the chief dental technician at the Clinic for Fixed and Removable Prosthodontics in Zurich, Switzerland. Since 2015 he has been dental technician at the Clinic for Fixed Prosthodontics and Biomaterials in Geneva, Switzerland and runs his own laboratory in Lausanne, Switzerland. Mr. Fehmer is a member in several dental organizations, lectures nationally and internationally and has published more than 50 articles in peer-reviewed Journals.

Irena Sailer received her dental education and Dr. med. dent. degree from the Faculty of Medicine, University of Tübingen, Germany in 1997/1998. Dr. Sailer became Assistant Professor at the Clinic of Fixed and Removable Prosthodontics and Dental Material Sciences in Zurich in 2013. Since September 2013 she has been the Head of the Division of Fixed Prosthodontics and Biomaterials at the University of Geneva. Irena Sailer is a specialist in Prosthodontics (Swiss Society for Reconstructive Dentistry) and in Dental Implantology (WBA) from the Swiss Society for Dentistry. Since 2009, she has been an Adjunct Associate Professor at University of Pennsylvania, and since 2019 an Honorary Professor at the University of Aarhus, Denmark. She is the President of the European Academy of Esthetic Dentistry, Member of the Executive Committee of the European Association for Osseointegration, and Active Fellow of the Greater New York Academy of Prosthodontics. Dr Irena Sailer is the Editor-in-Chief of the International Journal of Prosthodontics and a member of the International College of Prosthodontists.

**Schedule of Events**

- 8:00–8:45am....Registration & Continental Breakfast
- 8:45–9:00am....Opening Remarks
  - Eli Eliav, DMD, PhD; Director, Eastman Institute for Oral Health
  - Carlo Ercoli, DDS, MBA; Chairman, Prosthodontic Department
  - Konstantinos Chochlidakis, DDS, MS; Program Director, Prosthodontic Department
- 9:00–10:15am.....Lecture – Dr. Sailer & Mr. Fehmer
- 10:15–10:30am.....Break
- 10:30–12:00pm....Lecture – Dr. Sailer & Mr. Fehmer
- 12:00–12:45pm....Lunch & Resident Table Clinics
- 12:45–2:00pm....Lecture – Dr. Sailer & Mr. Fehmer
- 2:00–2:15pm.....Break
- 2:15–4:00pm.....Lecture – Dr. Sailer & Mr. Fehmer
- 4:00–4:45pm.....Discussion

**Conference Date and Location**

June 14, 2024  
 DoubleTree by Hilton Hotel of Rochester  
 1111 Jefferson Rd. Rochester, NY 14623

**Registration Fee (includes breaks and lunch)**

Registration deadline is May 31

	Through May 31	After May 31
Dentists	\$365	\$425
Technicians	\$230	\$285
EIOH FT/PT Faculty	\$210	\$230
Auxiliaries	\$160	\$200
Residents	\$60	\$80

Cancellation: Tuition will be refunded until May 31 with a \$20 cancellation charge.

**Course Credits**

Continuing Dental Education Credits: 7



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**Hotel Reservation**

DoubleTree by Hilton Hotel of Rochester  
 Brewer Conference Rate of \$130/night  
[Click here, use the QR code or](#)  
 call 585-475-1510



Reservation Deadline: May 15

Check-in time: 3:00PM



**Gold Level Corporate Sponsors**

Thank you to our gold level sponsors who have generously provided unrestricted educational grants to support this conference.



Table clinics are presented by Eastman Institute for Oral Health's Prosthodontic residents.

**For More Information**

Melody Jones at 585-275-5043 or [Melody.Jones@urmc.rochester.edu](mailto:Melody.Jones@urmc.rochester.edu)  
 Conference info, scan the QR code



**Selected Past Speakers**

- |                                  |                        |
|----------------------------------|------------------------|
| Dr. Carlo Poggio                 | Dr. Gerard J. Chiche   |
| Dr. Will Martin                  | Dr. John A. Sorensen   |
| Dr. Ricardo Mitrani              | Dr. Ron Jarvis         |
| Dr. German O. Gallucci           | Dr. Jeffery P. Okeson  |
| Dr. Lyndon F. Cooper             | Dr. H.P. Weber         |
| Dr. Charles J. Goodacre          | Dr. K. Malament        |
| Dr. John Kois                    | Dr. Frank Higginbottom |
| Dr. John McLean                  | Dr. Urs C. Belser      |
| Dr. Charles McNeill              | Dr. J. Robert Kelly    |
| Dr. Herbert T. Schillinburg, Jr. | Dr. Thomas D. Taylor   |
| Dr. Stephen Parel                | Dr. Dan Nathanson      |
| Dr. Kenneth Hebel                | Dr. Eli Eliav          |
| Dr. Glen P. McGivney             | Dr. Avishai Sadan      |
| Dr. Ralph Phillips               | Dr. Dean Morton        |
| Dr. Dennis Tarnow                | Dr. Christoph Hämmerle |
| Dr. George Zarb                  |                        |

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Mail to: Prosthodontic Department, Eastman Institute for Oral Health, Box 683, 625 Elmwood Ave, Rochester, NY 14620-2989 Attn: Melody Jones

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On-Line registration at: <https://www.urmc.rochester.edu/dentistry/education/continuing-education/brewer/conference-registration.aspx>

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