



SPINE AND FRIENDS 2ND EDITION

NEW TECHNOLOGIES APPLIED TO SPINE SURGERY

Meeting Directors: Prof. Enrico Tessitore – Dr. PhD. Claudio Schonauer

Dates: June 21-22 2024

Venue: Geneva, Hôtel du Parc des Eaux-Vives.



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PROGRAM

12.00–14.00 Buffet lunch and registration

FRIDAY 21ST (14.00–17.15)

SESSION 1

Moderators: Claudio Schonauer, Marcel Ivanov

Augmented Reality

- 14.00–14.20 **Claudius Thomé**
Augmented Reality and MIS-TLIF
- 14.20–14.40 **Marcel Ivanov**
Expanding benefits of Augmented Reality in Spine Surgery
- 14.40–14.50 **Discussion**

Robotics 1

- 14.50–15.05 **Marisa Gandia Gonzalez**
Learning robotic and navigation from experience: principles and how to avoid complications
- 15.05–15.20 **Bernhard Meyer**
Adaptation of new technologies for spinal surgery
- 15.20–15.35 **Jesus Lafuente**
Future applications in spinal robotic surgery
- 15.35–15.50 **Discussion**
- 15.50–16.15 **Coffee break**

SESSION 2

Moderators: Ibrahim Obeid, Jesus Lafuente

Robotics 2

- 16.15–16.30 **Florian Ringel**
Robotics for very simple procedures: Guided facet joint infiltrations
- 16.30–16.45 **Nikolay Gabrovsky**
Evolution in some robotic systems for spinal surgery
- 16.45–17.00 **Marcel Ivanov**
Robotics vs Navigation in Spine surgery
- 17.00–17.15 **Discussion**

SATURDAY 22ND (8.30–12.30)

SESSION 1

Moderators: Bernhard Meyer, Enrico Tessitore

Navigation

- 8.30–8.45 **Claudio Schonauer**
CVJ surgery: what is the role of navigation?
- 8.45–9.00 **Ibrahim Obeid**
Navigation in deformity surgery
- 9.00–9.15 **Dennis Dominguez**
Navigated prone-XLIF
- 9.15–9.30 **Enrico Tessitore**
Navigation applied to complex cervical cases
- 9.30–9.45 **Discussion**

SESSION 2

Moderators: Andreas Demetriades, Nikolay Gabrovsky

New technologies

- 9.45–10.00 **Ehab Shiban**
Cervical spine complications: how to minimize and how to manage.
- 10.00–10.15 **Florian Ringel**
NGS for pathogen identification in spinal infections
- 10.15–10.30 **Andreas Demetriades**
Lessons from Big data in concurrent cranial and spinal trauma
- 10.30–10.45 **Discussion**
- 10.45–11.15 **Coffee break**

SESSION 3

Moderators: Dominique Rothenfluh, Florian Ringel

Case discussion (all faculty)

- 11.15–12.30 2 cervical cases (**Granit Molliqaj, Aria Nouri**)
2 lumbar cases (**Adrien May, Renato Gondar**)
- 12.30–14.00 **Buffet Lunch**

INTERNATIONAL FACULTY

Cedric Barrey
Andreas Demetriades
Nikolay Gabrovsky
Marisa Gandia Gonzalez
Marcel Ivanov
Jesus Lafuente
Bernhard Meyer
Ibrahim Obeid
Florian Ringel
Ehab Shiban
Claudius Thomé

NATIONAL FACULTY

Dennis Dominguez
Renato Gondar
Adrien May
Granit Molliqaj
Aria Nouri
Dominique Rothenfluh

INVITED SURGEONS

Andrea Bartoli
Amina Belaouer
Andrea Brunori
Ivan Cabrilo
Jean Yves Fournier
Julien Haemmerli
Insa Jansen
Benoit Jenny
Nicolas Lauper
Gianluca Maestretti
Daniel May
Dino Saban
Asita Sarrafzadeh
Karl Schaller
Frederic Schils
Francesco Signorelli
Alexandre Simonin



Hôtel du Parc des Eaux-Vives

Quai Gustave Ador, 82

1207 Genève, Suisse



from left to right: Prof. Enrico Tessitore
Dr. PhD. Claudio Schonauer

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