







**Course Directors** 

Prof. Enrico Tessitore Dr. Claudio Schonauer

# Faculty





Course directors

Prof. Enrico Tessitore

Department of Neurosurgery, Geneva University Hospitals, Geneva Dr. Claudio Schonauer

Division of Neurosurgery, Santa Maria delle Grazie Hospital, Naples

Organizing Committee

### Dr. Gianpaolo Jannelli

Department of Neurosurgery, Geneva University Hospitals, Geneva

### Dr. Alessandro Moiraghi

Department of Neurosurgery, Geneva University Hospitals, Geneva

#### Dr. Teresa Somma

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Swiss Faculty

### Dr. John Duff

Clinique de Genolier, Genolier

## Prof. Michael Payer

Wirbelsäulenzentrum Neurochirurgie, Hirslanden, Zürich

## Prof. Karl Schaller

Department of Neurosurgery, Geneva University Hospitals, Geneva

## Dr. Dennis Dominguez

Orthopaedic Surgery and Traumatology of the locomotor apparatus, Geneva University Hospitals, Geneva

Italian Faculty

#### Dr. Mario Muto

Neuroradiology Department, Cardarelli Hospital, Naples

### Dr. Gennaro Ambrosiano

Neuroradiology Department, Cardarelli Hospital, Naples

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### Prof. Giuseppe Barbagallo

Neurosurgical Department, G. Rodolico Polyclinic University Hospital, Catania

### Dr. Armando Rapanà

Division of Neurosurgery, San Giuseppe Moscati Hospital, Avellino

#### Dr. Giuseppe Catapano

Division of Neurosurgery, Ospedale del Mare, Naples

## Dr. Pasquale de Marinis

Division of Neurosurgery, Sant'Anna and San Sebastiano Hospital, Caserta

Table Instructors

## Prof. Oreste de Divitiis

Division of Neurosurgery, Federico II Polyclinic University Hospital, Naples

## Prof. Francesco Signorelli

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#### Dr. Granit Molligai

Department of Neurosurgery, Geneva University Hospitals, Geneva

## Dr. Andrea Bartoli

Department of Neurosurgery, Geneva University Hospitals, Geneva

## Welcome



#### Dear Colleagues,

We are delighted to invite you to the first edition of the Spinal Surgery Course "From the sea to the mountains, from Naples to Geneva, from occiput to ilium", endorsed by the Swiss Society of Neurosurgery (SSNS) and the Italian Society of Neurosurgery (SINCH).

The Course is addressed to advanced residents in Neurosurgery and Orthopedic Surgery. It will be held in two entirely different, yet equally beautiful and interesting cities, Naples and Geneva, which are linked by a long tradition of surgeons' exchange. The Italian creativity and genius will be mixed with the Swiss efficiency and quality for a successful event!

In Naples we will focus on the thoraco-lumbar spine and iliac fixation, then we will be transferred together by plane to Geneva, where we will cover the occipito-cervical pathologies, including both arthroplasty and fusion procedures.

The most advanced technologies in the field of spinal surgery, from robotics to exoscopes to modern spinal implants, will be available during the hands-on workshops at two amazing wet labs, the SFITS (SWISS Foundation for Innovation and Training in Surgery) and the Centre of Biotecnologies at AORN Cardarelli Hospitals.

After a long period of interruption of congresses and courses, related to COVID pandemics, we are extremely happy to have well renowned faculty from Italy and Switzerland delivering face-to-face lectures and discussing challenging cases with all the participants in very interactive sessions.

On behalf of our team and our partners, we hope to welcome you to this fruitful and inspiring hands-on course.

We look forward to seeing you in Naples and Geneva and working with you.

The Course Directors

Prof. Enrico Tessitore

Dr. Claudio Schonauer

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# Naples

Day 1	Tuesday 07.09.2021	
08:00-08:15	Welcome and Course introduction (E. Tessitore, C. Schonauer, S. Cozzolino)	
08:15-08:30	Thoracic pedicle screws (G. Barbagallo)	
08.30-08:45	Posterior approaches for thoracic disc herniation (E. Tessitore)	
08:45-09:30	How to manage complications: case discussion (P. de Marinis, C. Schonauer)	
09:30-10:00	Coffee break	
10:00-13:00	Workshop: Thoracic pedicle screws and surgical routes to the discs	
13:00-14:00	Lunch	
14:00-14:15	Percutaneous image guided spinal procedures (M. Muto)	
14:15-14:30	PMMA augmented surgical strategies (C. Schonauer)	
14:30-15:45	Case discussion (group A) (M. Muto, E. Tessitore)	
15:45-16:00	Innovative solutions in vertebral tumor ablation (group A)	
Workshop:	Spine Jack and kyphoplasty (group B) (G. Ambrosiano, C. Schonauer)	
16:00-16:30	Coffee break	
16:30-17:45	Case discussion (group B) (G. Ambrosiano, C. Schonauer)	

17:45-18:00	Innovative solutions in vertebral tumor ablation (group B)
Workshop:	Spine Jack and kyphoplasty (group A) (M. Muto, E. Tessitore)

Day 2	Wednesday 08.09.2021	
09:00-09:15	Lumbar screws: how I do it (R. de Falco)	
09:15-09:30	Sacral and iliac screws (E. Tessitore)	
09:30-09:45	MIS TLIF vs open TLIF (C. Schonauer)	
09:45-10:00	Other interbody fusion techniques (XLIF, OLIF, PLIF, ALIF) (G. Barbagallo)	
10:00-10:30	Coffee break	
10:30-10:45	Sagittal balance concept on degenerative and trauma (A. Rapanà)	
10:45-11:45	Case discussion (G. Catapano, E. Tessitore)	
11:45-12:45	Lunch	
12:45-17:00	Workshop: Lumbar instrumentation and fusion (TLIF)	
17:00-17:30	Debrief	
19:30	Free evening	



## Geneva

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Day 3	Thursday 09.09.2021			
Travel to Geneva				
Day 4	Friday 10.09.2021			
Day 4				
08:15-08:30	Welcome and Course introduction (E. Tessitore, C. Schonauer, J. Godjevac)			
08:30-08:40	Message from EANS President, Prof. K. Schaller			
08:40-09:30	Demo on robotic applications to the cervical spine with Globus Excelsius GPS			
09:30-09:45	ACDF (D. Dominguez)			
09:45-10:00	TDR and hybrid techniques (E. Tessitore)			
10:00-10:15	ACCF (C. Schonauer)			
10:15-10:45	Coffee break			
10:45-11:00	Cervical sagittal balance (D. Dominguez)			
11:00-12:00	Case discussion			
12:00-13:00	Lunch			
12:45-17:00	Workshop: ACDF, ACCF and TDR			
17:00-17:30	Debrief			
17:30-19:00	Networking cocktail			

Day 5	Saturday 11.09.2021
08:15-08:30	C1-C2 fixation techniques (M. Payer)
08:30-08:45	Atlanto-Occipital Dislocation (E. Tessitore)
08:45-09:00	When to include the occiput? (J. Duff)
09:00-09:15	Lateral mass screws: how I do it (E. Tessitore)
09:15-09:30	Pedicle screw fixation: how I do it (J. Duff)
09:30–12:00	Workshop: Cranio-cervical junction instrumentation
12:00-13:00	Lunch
13:00-15:30	Workshop: Cervical subaxial instrumentation
15:30-15:45	Certificates and end of the course

## Venues

## **CENTRO DI BIOTECNOLOGIE**

A.O.R.N." Antonio Cardarelli" – Padiglione X Via Antonio Cardarelli, 9 - 80131 Napoli (+39) 081 7473433-2037-2158-3526 E-mail: biotecnologie@aocardarelli.it

**SFITS** - SWISS Foundation for Innovation and Training in Surgery Rue Gabrielle-Perret-Gentil 4, 1205 Geneva, Switzerland, +41 22 322 9100 email: inscription@sfits.ch



















**ENDORSEMENT** 











## Learning objectives:

- Learn about the indications for CVJ, subaxial cervical spine and thoraco-lumbar spine fusion.
- Develop the knowledge about vertebral sagittal balance parameters applied to cervical and thoracolumbar procedures.
- Describe and apply key steps of posterior approaches to the CVJ, and of anterior and posterior approaches to the subaxial cervical spine.

## Registration

 The price of the course is 1'400 EUR or 1'600 CHF for 5 days.

#### IT INCLUDES:

Registration fee

City transport in Naples

Flight from Naples to Geneva on September the 9th 2021

Lunches and coffee breaks

Course dinner in Naples

Networking cocktail in Geneva

Please book your participation by going to



https://calendar.sfits.ch



- Describe and apply key steps of posterior approaches to the thoraco-lumbar spine and to the thoraco-lumbar discs.
- Learn the key steps of percutaneous cement augmentation techniques to thoraco-lumbar spine (Vertebroplasty and Kyphoplasty).
- « The scientific and educational content of this event has been endorsed by the EANS. »

## **Audience**

- 3rd to 6th year of residency in Neurosurgery or Orthopedic Surgery
- Course Language: English

#### **Dates**

07-08.09.2021 - Naples

09.09.2021 - transfer to Geneva

10-11.09.2021 - Geneva

For further information, please write to inscription@sfits.ch. Please specify the title of the course: From Naples to Geneva, Spine surgery course.