COLORECTAL SURGERY INTENSIVE COURSE
WITH OPTIONAL UNIVERSITY DIPLOMA

FEBRUARY 12 - 16

2024 | ircad France | STRASBOURG UNIVERSITY

Course director J. Marescaux (FR, RW)
## FACULTY

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Antonello FORGIONE</td>
<td>IRCAD Hôpitaux Universitaires, Strasbourg, France</td>
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<tr>
<td>Jacques MARESCAUX</td>
<td>IRCAD Hôpitaux Universitaires, Strasbourg, France</td>
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<tr>
<td>Salvador MORALES-CONDE</td>
<td>Hospital Universitario Virgen del Rocio, Sevilla, Spain</td>
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<td>(videoconference)</td>
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<tr>
<td>Francesco CORCIONE</td>
<td>Clinica Mediterranea - Ospedale e Centro</td>
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<td>(videoconference)</td>
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<tr>
<td>Armando MELANI</td>
<td>Americas Medical City, Rio de Janeiro, Brazil</td>
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<tr>
<td>Piercarlo MEINERO</td>
<td>Ospedale di Lavagna, Genoa, Italy</td>
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<tr>
<td>Didier MUTTER</td>
<td>Nouvel Hôpital Civil, Strasbourg, France</td>
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<tr>
<td>Antonino SPINELLI</td>
<td>Humanitas Hospital Rozzano, Milan, Italy</td>
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<tr>
<td>Gabriele NALDINI</td>
<td>Ospedale S. Chiara, Pisa, Italy</td>
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<tr>
<td>Gyu-seog CHOI</td>
<td>Kyungpook National University School of Medicine, Daegu, South Korea</td>
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<tr>
<td>Giuseppe SPINOGLIO</td>
<td>Private Practice, Pietra Marazzi, Italy</td>
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<tr>
<td>Xavier SERRA ARACIL</td>
<td>Hospital Parc Tauli,Sabadell, Spain</td>
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<tr>
<td>Guido COSTAMAGNA</td>
<td>PoliClinico &quot;A. Gemelli&quot;, Rome, Italy</td>
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<tr>
<td>Patricia SYLLA</td>
<td>The Mount Sinai Hospital, New York, USA</td>
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<tr>
<td>Dean KOH</td>
<td>Mount Elizabeth Novena Hospital, Singapore</td>
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<tr>
<td>Paolo BIANCHI</td>
<td>European Institute of Oncology, Milano, Italy</td>
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<tr>
<td>Luc SOLER</td>
<td>IRCAD Hôpitaux Universitaires, Strasbourg, France</td>
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<tr>
<td>Luis ROMAGNOLO</td>
<td>Hospital de Amor de Barretos, Barretos, Brazil</td>
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<tr>
<td>Barbara SEELIGER</td>
<td>IHU et Nouvel Hôpital Civil, Strasbourg, France</td>
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<tr>
<td>Silvana PERRETTA</td>
<td>Nouvel Hôpital Civil, Strasbourg, France</td>
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<tr>
<td>Antonio D’URSO</td>
<td>Policlinico Umberto Ier - University La Sapienza, Rome, Italy</td>
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<tr>
<td>Philippe CHASSERANT</td>
<td>Centre Hospitalier d'Albertville, Albertville, France</td>
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<tr>
<td>Michel VIX</td>
<td>Nouvel Hôpital Civil, Strasbourg, France</td>
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Each IRCAD faculty member confirms that any conflict of interest they may declare has no bearing on any scientific activity during the courses: all course content is fair, balanced, and free of commercial bias.
## INSTRUCTORS IN THE LAB

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Aleidis CARO</td>
<td>Hospital Universitari Joan XXIII, Tarragona, Spain</td>
</tr>
<tr>
<td>Albert GARCIA NALDA</td>
<td>Hospital Parc Tauli, Sabadell, Spain</td>
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<tr>
<td>Michele CHIAPPETTA</td>
<td>Universita Catolica Del Sacro Cuore, Roma, Italy</td>
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<tr>
<td>Cristina CIUFFINI</td>
<td>Policlinico A. Gemelli, Roma, Italy</td>
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<tr>
<td>Luigi Giovanni PAPPARELLA</td>
<td>Policlinico A. Gemelli, Roma, Italy</td>
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<tr>
<td>Domenico LO CONTE</td>
<td>San Carlo Borromeo Azienda Ospedaliera, Milan, Italy</td>
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<td>Alfonso LAPERGOLA</td>
<td>Nouvel Hôpital Civil, Strasbourg, France</td>
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<tr>
<td>Elisa REITANO</td>
<td>Nouvel Hôpital Civil, Strasbourg, France</td>
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<td>Kohei MISHIMA</td>
<td>IRCAD Hôpitaux Universitaires, Strasbourg, France</td>
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<td>Tiphaine LAYER</td>
<td>Nouvel Hôpital Civil, Strasbourg, France</td>
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<tr>
<td>Aurélien GROLLEMUND</td>
<td>Nouvel Hôpital Civil, Strasbourg, France</td>
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<tr>
<td>Arne KOCK</td>
<td>Nouvel Hôpital Civil, Strasbourg, France</td>
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COURSE OBJECTIVES

- To cover a broad spectrum of surgical procedures in laparoscopic, transanal, flexible endoscopy and robotic colorectal surgery;
- To highlight technical aspects of surgical interventions through the broadcasting of live procedures;
- To provide proper indications for surgical and non-surgical treatments of malignant colorectal disease;
- To discuss how to prevent and manage intraoperative and postoperative complications;
- To allow real-time discussion between operators and trainee surgeons;
- To provide hands-on sessions to improve skills in laparoscopic, transanal, flexible endoscopy and robotic colorectal surgery through practice under expert tutorial.

COURSE ENDORSEMENT AND ACCREDITATION

This course is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS). EACCME credits are also recognized by the American Medical Association towards the Physician’s Recognition Award (PRA).

DIPLOMA IRCAD – UNIVERSITY OF STRASBOURG

The exam consists in the evaluation of the practice on Live Tissue of Monday, Tuesday, Wednesday and Thursday afternoon and a proficiency test (25 Multiple choice questions) on Friday morning from 8:00am to 9:00am. Please note that all question items for the University Diploma Exam are available in French and English. However, the Diploma itself is written in French by the Faculty of Medicine and no translation can be assured by the IRCAD.

Optional Diploma Registration Fees

- Fees: 430,00 Euros
- The diploma fees will have to be paid at IRCAD by cash, if possible with exact change. No payment will be accepted by credit card.

Registration on Monday and Tuesday during the first coffee break at the reception desk.

For successful candidates, the diploma will be delivered on Friday afternoon at the end of the course at 6:30pm.
Monday, February 12 - 2024

MORNING

07.45 am  Registration
08.00 am  Welcome & Introduction of faculty members  

ADVANCED LAPAROSCOPY FOR COLORECTAL CANCER

Chairmen:  A. Forgione - A. Melani

08.00 am  INTRODUCTION

08.15 am  LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS from Expert International Centre

- Laparoscopic sigmoidectomy for diverticulitis - LIVE  
  F. Corcione
- Laparoscopic right hemicolecction - ZOOM  
  S. Morales-Conde
- Laparoscopic anterior rectal resection  
  A. Melani
- Technical tips for avoiding protective ileostomies after rectal resection - ZOOM  
  S. Morales-Conde

11.15 am  15' COFFEE BREAK - Registration for University Diploma at reception desk

11.30 am  THEORETICAL SESSION

- Laparoscopic right colectomy with CME and central lymphadenectomy: should we prefer going bottom to up?  
  A. Forgione

Debate & open discussion with the Experts after each presentation

12:45 pm  LUNCH
### ADVANCED LAPAROSCOPY FOR COLORECTAL CANCER

**Chairmen**  
A. Forgione - A. Melani

**Instructors**  

#### 01:30 pm  HANDS-ON SESSION ON LIVE TISSUE

**PRE-LAB SESSION - Description of procedures - 30’ Auditorium 2**  
A. Forgione

**Training procedures**

- Laparoscopic right colectomy
- Laparoscopic left colectomy
- Laparoscopic ileocolic anastomosis
- Laparoscopic end-to-end anastomosis
- Laparoscopic hand-sewn side-to-side bowel anastomosis

#### 04.00pm  15’ COFFEE BREAK

#### 06.30 pm  END OF SESSION

Evening Free
Tuesday, February 13 - 2024

MORNING

07.45 am  Evaluation of the previous day

ADVANCED LAPAROSCOPY FOR BENIGN, FUNCTIONAL & PROCTOLOGICAL DISEASES

Chairmen: A. Forgione - P. Meinero

08.00 am  LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS
from Expert International Centre

Advanced minimal-invasive video-assisted procedure for proctological diseases
- Endoscopic Pilonidal Sinus Treatment (EPSiT)  P. Meinero
- Video-Assisted Anal Fistula Treatment (VAAFT)  P. Meinero

Advanced laparoscopic surgery for benign colorectal disease and pelvic floor disorders
- Robotic ventral rectopexy and its variants for the correction of rectal and multicompartmental prolapses  G. Naldini
- Total colectomy by minimal invasive surgery for colonic IBD - LIVE  A. Spinelli

11.00 am  15' COFFEE BREAK - Registration for University Diploma at reception desk

11.15 am  THEORETICAL SESSION

Advanced laparoscopic surgery for benign colorectal disease and pelvic floor disorders
- State of the art of MIS in the treatment of chronic inflammatory diseases of the colon  A. Spinelli - 15’
- Treatment of Pelvic Organ Prolapse: my flowchart  G. Naldini - 10’

Advanced minimal-invasive video-assisted procedure for proctological diseases
- Endoscopic Pilonidal Sinus Treatment (EPSiT)  P. Meinero - 10’
- Video-Assisted Anal Fistula Treatment (VAAFT)  P. Meinero - 10’
- Future perspectives regarding anal fistula treatment  P. Meinero - 15’

Debate & open discussion with the Experts after each presentation

12.45 pm  LUNCH
Tuesday, February 13 - 2024
AFTERNOON

ADVANCED LAPAROSCOPY FOR BENIGN, FUNCTIONAL & PROCTOLOGICAL DISEASES

Chairmen
A. Forgione - P. Meinero

Instructors

01.30 pm  HANDS-ON SESSION ON LIVE TISSUE

PRE-LAB SESSION - Description of procedures - 30’ Auditorium 2
A. Forgione
P. Meinero

Training procedures

- Laparoscopic right colectomy
- Laparoscopic left colectomy
- Laparoscopic ileocolic anastomosis
- Laparoscopic end-to-end anastomosis
- Laparoscopic hand-sewn side-to-side bowel anastomosis
- VAAFT
- EPSiT

04.00 pm  15’ COFFEE BREAK

06.30 pm  END OF SESSION
Evening Free
Wednesday, February 14 - 2024

MORNING

07.45 am  Evaluation of the previous day

TRANSANAL & ROBOTIC COLORECTAL SURGERY

Chairmen:  A. Forgione - X. Serra Aracil - G. Spinoglio

08.00 am  LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS

Transanal endoscopic surgery
  o  TaTME for low rectal cancer  X. Serra Aracil

Robotic techniques for right, left & rectal resection
  o  Robotic TME using the Da Vinci robot  G. Spinoglio
  o  Da Vinci single port suprapubic right hemicolecotomy - ZOOM  G. Choi
  o  Robotic right colectomy using the Hugo robot - LIVE  P. Bianchi

11.00 am  15' COFFEE BREAK

11.15 am  THEORETICAL SESSION

Transanal endoscopic surgery
  o  Historical roots, evolution and future perspective of transanal endoscopic surgery  X. Serra Aracil - 10’
  o  Transanal surgery to the rescue: when approach matters - ZOOM  P. Sylla - 10’

Robotic techniques for right, left & rectal resection
  o  How to smoothly adopt robotic surgery in your practice - ZOOM  D. Koh - 10’
  o  Robotic right colectomy: state-of-the-art  G. Spinoglio - 10’
  o  Robotic TME: results of my experience - ZOOM  G. Choi - 10’
  o  Troubleshooting the robotic system – Tips from my experience - ZOOM  D. Koh - 10’
  o  Robotic colorectal surgery using different robotic platforms - ZOOM  P. Bianchi - 15’

Debate & open discussion with the Experts after each presentation

12.45 pm  LUNCH
**Wednesday, February 14 - 2024**

**AFTERNOON**

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**TRANSANAL & ROBOTIC COLORECTAL SURGERY**

**Chairmen**

A. Forgione - X. Serra Aracil - G. Spinoglio

**Instructors**


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**01.30 pm**  **HANDS-ON SESSION**

**PRE-LAB SESSION - Description of procedures - 30’ Auditorium 2**  

A. Forgione  
X. Serra Aracil

**Training procedures**

1. **Robotic approach (virtual simulators & pelvic trainers)**
   - Overview, set-up and hands-on testing the robotic system
     - Robot set-up
     - Robotic console basics
     - Virtual simulators manipulation

2. **Transanal approach (live tissue)**
   - Training on pelvic trainers for transanal surgery
   - Training on live tissue for transanal proctectomy

3. **Laparoscopic approach (live tissue)**
   - Laparoscopic right colectomy
   - Laparoscopic left colectomy
   - Laparoscopic ileocolic anastomosis

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**04.00 pm**  **15’ COFFEE BREAK**

**06.30 pm**  **END OF SESSION**

**08.00 pm**  **EXPERTS & PARTICIPANTS’ DINNER**
### Thursday, February 15 - 2024

**MORNING**

07.45 am  Evaluation of the previous day

<table>
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<th>Time</th>
<th>Session</th>
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<tr>
<td>08.00 am</td>
<td><strong>ADVANCED FLEXIBLE OPERATIVE ENDOSCOPY AND COMBINED ENDOLAPAROSCOPIC TECHNIQUES</strong>&lt;br&gt;Chairmen: A. Forgione - G. Costamagna - X. Serra Aracil</td>
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<tr>
<td>08.00 am</td>
<td><strong>PRERECORDED OPERATIVE DEMONSTRATIONS</strong>&lt;br&gt;from Expert International Centre</td>
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<tr>
<td>o Transanal Endoscopic Microsurgery (TEM) for large rectal lesions</td>
<td>X. Serra Aracil</td>
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<tr>
<td>o Flexible endoscopic operative ESD procedures for right and left colonic lesions</td>
<td>G. Costamagna</td>
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<tr>
<td>o Combined endoscopic laparoscopic resections of early colorectal tumors</td>
<td>X. Serra Aracil</td>
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<td>11.00 am</td>
<td>15’ COFFEE BREAK</td>
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<td>11.15 am</td>
<td><strong>THEORETICAL SESSION</strong></td>
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<tr>
<td><strong>Rectum</strong></td>
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<td>o Flexible endoscopic operative techniques for advanced ESD</td>
<td>G. Costamagna - 10’</td>
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<tr>
<td>o Transanal Endoscopic Microsurgery (TEM) vs. ESD: which is the best option for very large rectal tumors?</td>
<td>X. Serra Aracil - 10’</td>
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<td>o Open discussion and voting</td>
<td>All Experts &amp; Participants</td>
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<td><strong>Colon</strong></td>
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<td>o Tips, tricks and technologies to deal with large colonic lesions in different colonic locations</td>
<td>G. Costamagna - 10’</td>
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<tr>
<td>o Combined endo-laparoscopic techniques</td>
<td>X. Serra Aracil - 10’</td>
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<tr>
<td>o Open discussion and voting</td>
<td>All Experts &amp; Participants</td>
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Debate & open discussion with the Experts after each presentation

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<td>12.30-12.35 pm</td>
<td>GROUP PICTURE</td>
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<tr>
<td>12.45 pm</td>
<td>LUNCH</td>
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Thursday, February 15 - 2024
AFTERNOON

ADVANCED FLEXIBLE OPERATIVE ENDOSCOPY AND COMBINED ENDOLAPAROSCOPIC TECHNIQUES

Chairmen: A. Forgione - G. Costamagna
Instructors: A. Forgione - G. Costamagna - M. Chiappetta - C. Ciuffini - L. Papparella - M. Vix
A. D’Urso - E. Reitano - A. Garcia Nalda - X. Serra Aracil

01.30 pm  HANDS-ON SESSION ON LIVE TISSUE

PRE-LAB SESSION - Description of procedures - 30’ Auditorium 2

Training procedures

1. **Robotic approach (virtual simulators & pelvic trainers)**
   - Overview, set-up and hands-on testing the robotic system
     - Robot set-up
     - Robotic console basics
     - Virtual simulators manipulation

2. **Flexible operative endoscopy (plastic models, ex-vivo organs, live tissue)**
   - Basic training with flexible endoscopes
   - Endoscopic applications of clips, Endoloops
   - Endoscopic polypectomy, EMR, ESD

3. **Laparoscopic approach (live tissue)**
   - Laparoscopic right colectomy
   - Laparoscopic left colectomy
   - Laparoscopic ileocolic anastomosis

04.00 pm  15’ COFFEE BREAK

PROFICIENCY TEST
(only for surgeons who applied for the University Diploma)

- **University Diploma validating procedure:**
  Small bowel and colonic resection / anastomoses

06.30 pm  END OF SESSION
Evening Free
### MORNING

**07.45 am** Evaluation of the previous day

**08.00 am** UNIVERSITY DIPLOMA PROFICIENCY TEST  
*(only for surgeons who applied for the University Diploma)*  
D. Mutter  
A. Forgione

- Multiple choice questionnaire for the University Diploma (Duration: 1 hour)

**09.00 am** 5’ BREAK

### MULTIMODAL TREATMENTS, NEW TECHNOLOGIES

**Chairmen:** A. D’Urso - A. Melani - X. Serra Aracil

**09.05 am** THEORETICAL SESSION

**Modern multimodal treatment of colorectal cancer**

- Transanal vs. laparoscopic total mesorectal excision for mid and low rectal cancer  
  X. Serra Aracil - 10’

- Lateral nodes dissection in rectal cancer: why not!  
  G. Choi - 10’

- Short-term outcomes of chemoradiotherapy and local excision vs total mesorectal excision in T2-T3ab, N0, M0 rectal cancer. A multicentre randomised, controlled, phase III trial (the TAUTEM study)  
  X. Serra Aracil - 10’

- How to properly start a “watch and wait” program in your practice for non-immediate operative management of low rectal cancer  
  A. Forgione - 10’

**09.50-10.05 am** 15’ COFFEE BREAK

**New technologies**

- 3D virtual reconstruction for preoperative planning in colorectal surgery: safer and more effective?  
  L. Soler - 10’

- Augmented reality for intraoperative guidance in colorectal surgery: where are we?  
  L. Romagnolo - 10’

- ICG in colorectal surgery: perfusion, lymphadenectomy and ureter identification  
  S. Morales Conde - 10’

- New surgical robots on the horizon  
  B. Seeliger - 10’

- Alternatives to oostomy to protect very low colorectal anastomosis  
  A. D’Urso - 10’

- Digital apps to improve outcomes in colorectal surgery  
  A. Forgione - 10’

**Evolution of ERAS concept**

- From ERAS program to outpatient procedure and home-connected follow-up: a 5-year experience  
  P. Chasserant - 10’

**12.05 pm** CLOSING LECTURE: My evolving experience with surgical robots  
A. Melani - 10’

**01.20 pm** LUNCH
### MULTIMODAL TREAMENTS, NEW TECHNOLOGIES

**Chairmen:** A. Forgione - A. Melani

### 02.05 pm  THEORETICAL SESSION: INTERACTIVE DISCUSSION

**Faculty:** P. Chasserant – X. Serra Aracil – A. D’Urso

Interactive discussion with experts around interesting cases
- Rectum
- Colon
- Endometriosis
- Diverticular disease
- Emergency surgery
- Colonic occlusion

### 05.45 pm  CLOSING REMARKS & FAREWELL

A. Forgione - 10’

### 06.00 pm  END OF COURSE

DELIVERY OF CERTIFICATES OF ATTENDANCE AND DIPLOMAS TO SUCCESSFUL CANDIDATES