

**FRIDAY 22ND MARCH**

**PONTE B E PONTE C ROOM**

08.30 a.m. - 10.30 a.m.

## Endoscopy the surgery's future?

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**President:** M.C. Parodi (Genova)

**Chairmen:** G. Fanello (Roma), G. Galloro (Napoli)

**Panelists:** C. Bergeles (UK), S. Di Palo (Sanremo), P. Granone (Roma), F. Mattiuz (Genova)

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**Lecture: evolution of endoscopic colo-rectal cancer treatment**

**08:30** A. Arezzo (Torino)

**TransOral endoscopic Ultrasonic Surgery TOUSS an alternative at robotic surgery?**

**08:40** A. V. Marcuzzo (Trieste)

**08:47** Expert: G.L. Dionigi (Messina)

**Radiofrequency ablation of biliary tract tumours**

**08:50** P. Antypas (Roma)

**The surgeon perspective**

**08:57** M. Filauro (Genova), A. Zerbi (Milano)

**Treatment of bariatric surgery complications**

**09:03** F. Cereatti (Cremona)

**The surgeon perspective**

**09:10** G. Sarro (Magenta)

**Endoscopic full thickness resections**

**09:17** G. Andrisani (Roma)

**The surgeon perspective**

**09:23** A. Brescia (Roma), M. Catarci (Ascoli)

**Digital technology and view enhancement in endo-urology**

**09:29** A. Calarco (Roma)

**09:36** Expert: P. Traverso (Genova)

## 30° Congresso Nazionale SPIGC

Encouraging Young Surgeons and Engineers

### 9th Joint Workshop on New Technologies for Computer/Robot Assisted Surgery CRAS

#### Airways Stenting

09:39

G. Pacella (Bari)

09:46

Expert: M. Salio (Genova)

#### Stiffness controlled robotic endoscopes enabling technologies for future flexible surgical systems

09:49

K. Althoefer (UK)

#### Fantastic voyage today Miniature robotic capsules for diagnosis and surgical treatment

09:56

G. Ciuti (Pisa)

#### SELECTED ABSTRACT

10:03

#### Transferring automatic polyp detection to the clinical domain

P. Brandao, O.F. Ahmad, E. Mazomenos, L.B. Lovat, D. Stoyanov

10:10

#### Shared control of an automatically aligning endoscopic instrument based on convolutional neural networks

A. Ahmad, C. Gruijthuijsen, M. Ourak, J. Deprest, T. Vercauteren, S. Ourselin, E. Vander Poorten

10:17

#### The road ahead for endoluminal intervention

Edoardo Forcignanò, Mauro Verra, Alberto Arezzo, Simone Arolfo, Marco Bonino, Giacomo Lo Secco, Gastone Ciuti, Paolo Dario, Andrea Firrincelli, Federico Bianchi, Noemi Gabrielli, Francesco Falotico, Anastasios Koulaouzidis, Mario Morino