



Website: ipogresearch.org | Contact: ipoutcomesgroup@gmail.com
X (formerly Twitter): @iPulmOG | LinkedIn: IPOG

Artificial Intelligence in Interventional Pulmonology: From Innovation to Impact

*University of Florence
Florence, Italy
June 8, 2026*

Monday June 8, 2026

8:15-9:00: Registration and Breakfast

9:00-9:10: Welcome and Opening Remarks

9:10-9:25: Artificial Intelligence in Interventional Pulmonology: Current State and Future Directions

Tudor Toma

9:25-9:40: AI in Airway Management: Predicting Difficulty, Preventing Complications, and Enhancing Procedural Safety

Vladimir Nekhendzy

AM Session 1 : AI for Lung Nodule Detection and Lung Cancer Diagnostics

9:40-9:50 Lung Nodule Management: AI From Incidental Findings to Screening-Based Detection

Colin Jacobs

9:50- 10:00 Biomarkers and Integrating AI Platforms for Comprehensive Thoracic Oncology Care

Gary Pestano

10:00-10:10 Lung Cancer Staging and AI

Wael Hanna

10:10-10:20 Beyond ROSE: AI-Assisted on-Site Cytopathology



Venerino Poletti

10:20-10:35: Panel Discussion

10:35-10:45 AI-Enhanced Bronchoscopy: Navigation, Targeting, and Real-Time Decision Support

Bin Liu

10:45-10:55 Utilization of Artificial Intelligence and Intraprocedural CBCT and Imaging

Erik Van der Heiden

10:55-11:05 Advances in Minimally Invasive Surgical Localization of Lung Nodules

Jason Akulian

11:05-11:20 Panel Discussion

AM Session 1 : Updates in Pleural Disease

11:05-11:15 Innovation and Updates in Pleural Diagnosis and Treatment

Eihab Bedawi

11:15-11:25 Pleural Disease Management: The Role of AI in Pleural Imaging

Guido Marchi

11:25-11:35 Pleural Fluid Diagnostics and AI

Y. Gary Lee

11:35-11:45 Updates in Minimally Invasive Pleural Interventions

Jeff Thiboutot

11:45-12:00 Panel Discussion

12:00-1:30 Lunch



PM Session 1: Lung Cancer Ablation, Immune Priming and Updates in Novel COPD Interventions

1:30-2:00 Cryoablation

Jen Duke

2:00-2:10 Emerging Non-Thermal Therapies: Pulsed Field Ablation

Daniel Sterman

2:10-2:20 Predictive Metrics for Heat-Based and Thermal Therapies

Jason Beattie

2:20-2:30 Intra-Tumoral Injection

Andrew DeMaio

2:30-2:40 The Role of Bronchoscopic Therapeutics In Neoadjuvant Lung Cancer Treatment

Lonny Yarmus

2:40-3:00 Panel Discussion

3:00-3:20 Break

3:20-3:40: Updates on Interventions for COPD: Valves and Beyond

Dirk-Jan Slebos

PM Session 2: The future of AI in Interventional Pulmonary

3:40 -3:50: Training the Next Generation: Virtual Reality, Simulation, and AI-Enabled IP Education

Lorenzo Corbetta

3:50-4:00: Ethical, Regulatory, and Implementation Considerations for AI in IP Practice

Fabien Maldonado

4:00-4:30: Panel Discussion and Adjourn