# Thyroid Ultrasound Pre-Congress course

## Programme

**09:30-10:00**
Registration and morning coffee

**10:00 – 10:10**
Welcome

**Lecture session**:

**10:10 – 10:30**
Technical basis and a more advanced approach of conventional ultrasonography.  From the anatomy of the neck to ultrasound - assisted treatment techniques. Ultrasound – based evaluation of risk of thyroid nodules - Luca Sconfienza

**10:30 – 10:50**
Clinical and critical approach to thyroid ultrasound in benign thyroid nodular disease.  Ultrasound-guided therapeutic procedures (alcohol injection, radiofrequency, laser) - Giovanni Mauri

**10:50 – 11:20**
Ultrasound examination before and after surgery in malignant thyroid disease. Pre-surgical evaluation of thyroid malignancies. Follow-up of thyroid cancer after surgery - Simone De Leo and Carla Colombo

**11:20-11:40**
Tea and coffee

**11:40 – 12:00**
Thyroid ultrasound on the cell phone in the emergency department
Irene Campi

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**12:00 – 12:20**
Machine Learning for Thyroid Nodule Classification: Multimodal Feature
Fusion and Knowledge-Driven Learning via Experts Consult
Giorgio Grani

**12:20 – 13:15**
Lunch

**13:15 – 15:15**
Practical session with instructors
Guia Vannucchi-Auxologico (Milan)
Luca Sconfienza-Galeazzi (Milan)
Giovanni Mauri (Milan)
Francesca Perticone (Milan)
Laura Castellino (Milan)
Alessia Dolci (Milan)
Claudio Cusini (Milan)

**15:15 – 15:30**
Summary and distribution of certificates of attendance