



## **UPDATE IN BREAST IMAGING**

**Bruges (Belgium), April 26-28th, 2018**

### **PRELIMINARY FORMAT AND CONTENT**

#### **Confirmed International Faculty Members**

- Bart Claikens (Ostend/BE) - President
- Ikeda Debra (Stanford/USA) - Visting President
- Pascal A T Baltzer (Vienna/AT)
- Kristina Lång (Lund/SE)
- Cary van Landsveld (Nijmegen/NL)
- Geert Villeirs (Ghent/BE)
- Chantal Van Ongeval (Leuven/BE)
- Goris Hilde (Bruges/BE)
- Luc Steyaert (Bruges/BE)
- Ruud Pijnappel (Utrecht/ NL)
- Dr. Pieter De Visschere (Ghent/BE)
- Mireille Van Goethem (Antwerp/BE)
- Hilde Bosmans (Leuven/BE)
- Tadeusz Stadnic (Brussels/BE)
- Andre Van Steen (Leuven/BE)

#### **State-of-the-art lectures**

- Mammography BIRADS Update
- MRI BIRADS update
- US BIRADS Update
- Advances and update on Digital Breast Tomosynthesis
- Pitfalls of Digital Breast Tomosynthesis or Mammographic Interpretation
- Percutaneous Image-guided Biopsy in 2018
- Correlation of Mammography, DBT, US and MRI
- How to Obtain and Maintain Optimal Mammographic Positioning
- Breast Density, Density Notification Laws and Effects on Practice
- Difficult Preoperative Localization Cases
- Breast cancer screening using abbreviated or unenhanced MRI - road to the future or blind lane?

- Background parenchymal enhancement in breast MRI - bias or biomarker?
- Structured and evidenced based reporting of breast MRI using a dedicated clinical decision rule
- Indications for breast MRI - an evidence-based review
- MRI for diagnosis in mammography detected microcalcifications
- Multiparametric PET-MRI: expensive toy or the key to personalized medicine
- Breast tomosynthesis in clinical practice and screening
- New perspectives on breast cancer screening (individualized screening, optimal imaging modalities based on risk, liquid biopsy)
- Automated softwares in breast imaging (CAD, AI, density, texture, risk scores, segmentation)
- Positioning Mammography: Pitfalls, Tips and Tricks.
- Quality control mammography screening in the Netherlands
- New technical developments in ultrasound and implications in breast imaging
- US guided vacuum biopsy: technique, diagnostic and therapeutic indications
- Localisation of breast lesion : why only US guided?
- US of breast implants
- Imaging after breast-conserving surgery
- Tips and tricks to improve your US-guided core needle biopsy skills
- A selection of cases from the breast cancer screening
- Clinical indications of breast MRI
- Artifacts in digital mammography
- Physiopathology of microcalcifications

#### **Hands-on Workshops**

Multi modality guided breast biopsy

Emerging Ultrasound Techniques in Breast Imaging

#### **Self Assesment Workshops**

Screening Mammography

Multi Modality Breast Imaging

#### **Interactive Teaching Sessions on Ethics&Economy in Breast Imaging**

- Leadership and Management Development for Physicians
- Medical Malpractice
- Guidelines for Quality in Breast Imaging and Case Studies
- Optimal and Ethical Medical Practice: basic concepts

#### **Interactive Teaching Session on Radioprotection**

- Guidelines for using Medical Imaging Technologies and Safety
- Quality and Safety using X-rays.

#### **Technology Work Shops**

- Dedicated and Customized Positioning in Mammography