



**SCIENTIFIC PROGRAM**  
**Thursday, September 12th, 2019**



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
DIPARTIMENTO DI  
SCIENZE BIOMEDICHE E NEUROMOTORIE

- 08.30 Welcoming remarks M. C. Cucchi - E. Durante - M. P. Foschini - G. Saguatti
- 08.40 IBUS Breast Imaging School - Achievements E. Durante
- 09.00 Breast carcinoma: The sick lobe concept T. Tot
- 09.30 Ultrasound physics and image optimization A. Munding
- 10.15 Lobular in situ carcinoma in pre-operative biopsies M. P. Foschini
- 10.45 Evolution of ultrasound imaging systems A. Munding
- 11.10 Coffee break*
- 11.30 Large format histopathology and radiological-pathological correlations  
T. Tot
- 12.00 Ultrasound anatomy of the breast and axilla E. Aribal
- 12.45 Digital breast tomosynthesis: Physics and principles G. Saguatti
- 13.15 Lunch*
- 14.00 Pathological features of male breast cancer M. P. Foschini
- 14.30 Bio-pathological data from pre-operative guided procedures and their clinical  
usefulness P. Querzoli
- 15.00 Radiological-pathological correlations and biological profiles T. Tot
- 15.30 Principles of interventional techniques F. K. W. Schäfer
- 16.00 Coffee break*
- 16.30 Video session - scanning the breast and axilla D. Koufoudakis
- 17.00 “Hands-on” workshops **1** - Scanning techniques of the breast and axilla  
Equipment optimization  
Core biopsy on phantoms
- 17.45 “Hands-on” workshops **2** - Ultrasound guided vacuum assisted biopsy on phantoms  
Breast elastography on phantoms  
Ultrasound guided surgery on phantoms  
Automated Breast Ultrasound
- 18.30 Adjournment



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08.30	Daily review	E. Durante - G. Saguatti
08.40	Sonographic appearance of benign lesions	E. Aribal
09.10	Sonographic appearance of malignant lesions	A. Mundinger
09.40	The clinical value of Doppler and elastography	F. K. W. Schäfer
10.10	The present role of breast magnetic resonance imaging	E. Aribal
<i>10.40</i>	<i>Coffee break</i>	
11.00	The present role of digital breast tomosynthesis (DBT)	G. Saguatti
11.30	Imaging of silicon implants	F. K. W. Schäfer
12.00	Vacuum assisted biopsy: techniques and indications US guidance (15 min): E. Aribal, X-ray guidance (15 min): G. Saguatti	
12.30	Lymph node imaging assessment	A. Mundinger
<i>13.00</i>	<i>Lunch</i>	
13.45	Automated Breast Ultrasound (ABUS)	A. Mundinger
14.15	BI-RADS ultrasound	F. K. W. Schäfer
14.45	<b>Panel 1</b> Consensus panel on breast US elastography <b>Chair:</b> G Saguatti <b>Panellists:</b> E. Aribal-D. Koufoudakis-A. Mundinger-F. K. W. Schäfer	
15.30	Preoperative loco-regional ultrasound staging	E. Durante
<i>16.00</i>	<i>Coffee break</i>	
16.30	“Hands-on” workshops <b>3</b> - Scanning techniques of the breast and axilla Equipment optimization Core biopsy on phantoms	
17.30	“Hands-on” workshops <b>4</b> - Ultrasound guided vacuum assisted biopsy on phantoms Breast elastography on phantoms Ultrasound guided surgery on phantoms Automated Breast Ultrasound	
18.30	Adjournment	



**SCIENTIFIC PROGRAM**  
**Saturday, September 14th, 2019**



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SCIENZE BIOMEDICHE E NEUROMOTORIE

- 08.30 Daily review E. Durante - G. Saguatti
- 08.40 Emerging breast imaging techniques F. K. W. Schäfer
- 09.10 Imaging in lobular cancer - XrayM, US and MRI A. Munding
- 09.40 Pre and intra-operative ultrasound planning of surgical procedures E. Durante
- 10.10 Coffee break*
- 10.30 **Panel 2** Dense Breast: US? DBT? MRI? Breast Specific Gamma Imaging?  
**Chair:** D. Koufoudakis **Panellists:** E. Aribal-E. Durante-A. Munding-  
G. Saguatti-F. K. W. Schäfer
- 11.20 Imaging assessment of symptomatic patients D. Koufoudakis
- 11.50 Monitoring of breast cancer patients E. Aribal
- 12.20 **Panel 3** Reporting breast ultrasound examinations  
**Chair:** E. Durante **Panellists:** E. Aribal-D. Koufoudakis-A. Munding-  
G. Saguatti-F. K. W. Schäfer
- 13.00 Lunch*
- 13.45 Intraoperative ultrasound, margin assessment, IORT M. C. Cucchi
- 14.15 Imaging follow-up after breast conserving surgery A. Munding
- 14.45 **Panel 4** Multidisciplinary imaging of clinical cases: Interactive session  
**Chair:** D. Koufoudakis **Panellists:** E. Aribal-A. Munding-G. Saguatti-  
F. K. W. Schäfer
- 15.30 Continuing medical education - CME Questionnaire
- 16.00 Coffee break*
- 16.30 “Hands-on” workshops **5** - Scanning techniques of the breast and axilla  
Equipment optimization  
Core biopsy on phantoms
- 17.30 “Hands-on” workshops **6** - Ultrasound guided vacuum assisted biopsy on phantoms  
Breast elastography on phantoms  
Ultrasound guided surgery on phantoms  
Automated Breast Ultrasound
- 18.30 Final remarks