

THE 16TH INTERNATIONAL WORKSHOP ON BREAST IMAGING

CONFERENCE PROGRAM

Monday, May 23, 2022

Sunday, May 22, 2022

12:00 - 13:00 Lunch & Welcome

13:00 - 13:30 Virginia Tsapaki, IAEA Vienna, Austria Hello World. IAEA breast imaging initiatives.

13:30 - 13:45 Virtual visit to the radiology department & medical physics team

Session 1: VCT applications in breast imaging

Chair: Predrag **Bakic**, Lund University, Sweden & Stephen **Glick**, US Food and Drug Administration, Silver spring, USA

13:45 - 14:05 Raymond **Acciavatti**, University of Pennsylvania, Philadelphia, USA. Invited lecture: VCT to optimize the technical settings of new DBT devices. (online)

14:05 - 14:30 Aldo **Badano**, US Food and Drug Administration, Silver spring, USA Update on results achieved with VCTs in breast imaging

14:30 - 14:50 Predrag **Bakic**, Lund University, Sweden Update on expansion into other technologies

14:50 - 16:30 Selected from submitted abstracts scientific session

16:30-17:00 Coffee break

Session 2: VCT: the next stage

Chair: Predrag **Bakic**, Lund University, Sweden

17:00 - 17:30 Ehsan **Samei**, Duke University, Duke, USA Invited lecture: The Center for Virtual Imaging Trials: opportunities, limitations and cooperation's

17:30 - 18:00 Panel, with Predrag Bakic, Stephen Glick and all speakers Let's define a VCT Collaborative Study for 2023

18:30 - 20:00 Social activity, meet at the old town hall at 18.30, for (1) guided walk in the historical city of Leuven, (2) Walk through Leuven with a photographer, (3) Jogging (30 min)

20:00 Welcome reception with Belgian beer & snacks in the old town hall

Breakfast Seminar offered by GE Healthcare

08:15 - 09:00 (broad casted) Martin **Yaffe**, Sunnybrook Research Institute, Toronto, Canada The use of microsimulation modelling to optimize breast cancer detection and outcomes. This includes the discussion on age and interval for screening, overdetction and the effect of COVID

09:00 - 09:30 Breakfast and coffee

Session 3: New breast imaging techniques

Chair: Andrew **Maidment**, University of Pennsylvania, USA

09:30 - 10:00 John **Boone**, UC Davis, California, USA Keynote: New breast imaging techniques.

10u-11u40 Selected from submitted abstracts scientific session

11:40-12:00 Coffee break

Session 4: Breast shape & breast positioning

Chair: Anders **Tingsberg**, University of Lund, Lund, Sweden

12:00 - 13:00 Selected from submitted abstracts scientific session

13:00 - 14:00 Lunch & Posters

Session 5: Multi modality breast imaging & MRI

Chair: Robert **Marti**, Universitat de Girona, Spain

14:00 - 14:30 Martin **Tournai**, Duke University, USA Keynote: Multi modality breast imaging.

14:30 - 16:10 Selected from submitted abstracts scientific session

16:10-16:40 Coffee break

Session 6: Phantoms for breast imaging

Chair: Elizabeth **Krupinski**, Emory university, USA

16:40 - 17:00 James **Mainprize**, Sunnybrook Research Institute, Toronto, Canada Invited lecture: Anthropomorphic texture phantoms for mammography, tomosynthesis and contrast imaging

17:00 - 17:40 Selected from submitted abstracts scientific session

17:40 - 18:00 Expert: Stephen Glick, US Food and Drug Administration, Silver Spring, USA. Panel: Martin Yaffe, Andrew Maidment, Nicholas Marshall, Hiroshi Fujita The opinion of the expert. Photon counting in breast imaging.

Tuesday, May 24, 2022

Breakfast Seminar offered by Siemens-Healthineers

08:15 - 08:20 (broad casted) Magnus **Dustler**, Lund University, Sweden Introduction

08:20 - 09:00 (broad casted) Simon **Rosenqvist**, Uppsala University, Sweden When should DBT have entered screening? - The ethics of introducing a new modality

09:00 - 09:30 Breakfast and coffee

Session 7: Artificial Intelligence in breast imaging (I)

Chair: Maryellen **Giger**, University of Chicago USA

09:30 - 10:00 Etta **Pisano**, Harvard Medical School USA Keynote: Does AI show promise for breast cancer screening?

10:00-11:40 Selected from submitted abstracts scientific session

11:40-12:00 Coffee break

Session 8: Artificial Intelligence in breast imaging (II)

Chair: Nico **Karssemeijer**, ScreenPoint Medical, The Netherlands

12:00 - 13:00 Selected from submitted abstracts scientific session

13:00 - 14:00 Lunch & Posters

Session 9: New, improved and future breast cancer screening (I)

Chair: Reyer. **Zwiggelaar**, Aberystwyth University, UK

14:00 - 14:30 Ulrich **Bick**, Charité Berlin, Germany Keynote: Contrast enhanced breast imaging

14:30 - 16:10 Selected from submitted abstracts scientific session

16:10-16:40 Coffee break

Session 10: New, improved and future breast cancer screening (II)

Chair: Sue **Astley**, University of Manchester, UK

16:40 - 17:00 Sylvia **Heywang-Köbrunner**, Reference Center Mammography Munich, Germany The place of AI in the different imaging modalities in breast cancer screening

17:00 - 17:40 Selected from submitted abstracts scientific session

17:40 - 18:00 Expert: (tbc) Ulrich Bick, John Boone, Ioannis Sechopoulos, Etta Pisano, Chantal Van Ongeval The opinion of the expert. The added value of breast CT exams.

19:00 Conference dinner at the faculty club

Wednesday, May 25, 2022

Breakfast Seminar offered by the Belgian Hospital Physicists Association

08:15 - 09:00 (broad casted) Ruben **van Engen**, Nijmegen, The Netherlands Develop a relevant protocol for DBT

09:00 - 09:30 Breakfast and coffee

Session 11: Radiomics, risk and lesion detectability in breast imaging

Chair: Ioannis Sechopoulos, Radboud University, The Netherlands

09:30 - 10:00 Despina **Kontos**, University of Pennsylvania, USA Facts: Radiomics, radiogenomics and the risk to develop breast cancer.

10:00 - 11:20 Selected from submitted abstracts scientific session

11:20-11:40 Coffee break

Session 12: (Noise) Measurements in breast imaging

Chair: Nico **Karssemeijer**, ScreenPoint Medical, The Netherlands

11:40 - 13:30 Selected from submitted abstracts scientific session

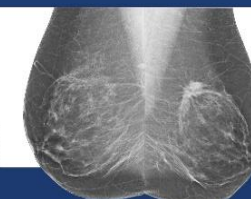
13:30 - 14:00 Ioannis **Sechopoulos**, University of Nijmegen, The Netherlands Breast dosimetry

14:00 - 14:10 Hilde Bosmans & Chantal Van Ongeval, KU Leuven, Belgium: closing the IWBI workshop

14:10 - 14:40 Lunch

14:40 - 17:10 EFOMP DBT Working Group Feedback meeting on the EFOMP DBT protocol with industry

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