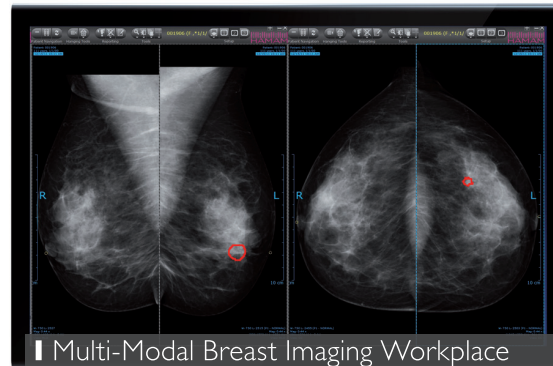




## Invitation to HAMAM Public Session at the ECR 2012

Thursday, 1 March 2012, 09:00–11:00

EIBIR IMAGINE Theatre, level O2



- Multi-Modal Breast Imaging Workplace
- Diagnostic Aid: Spatial Correlation Between Modalities
- Cross-Modality Computer-Aided Detection
- Integration of Clinical Data and Risk Models
- Follow-Up Aid: Spatial Correlation Between Prior And Current Series



The HAMAM workstation showing a multi-modal computer aided detection breast case. Breast ultrasound and mammography are presented simultaneously with a single reading session. All images are spatially correlated, enabling the cursor to be synchronized across modalities. An automatically detected lesion is indicated in both modalities by the red outline.



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Thursday, 1 March 2012, 09:00–11:00

EIBIR IMAGINE Theatre, level O2

Highly Accurate Breast Cancer Diagnosis through Integration of Biological Knowledge, Novel Imaging Modalities, and Modelling

The EU-funded HAMAM project pursued the ambitious goal to improve methods for the early detection and accurate diagnosis of breast cancer by integrating the available multi-modal images and patient information on a single clinical workstation. In particular, computer assistance for spatial correlation, for multi-modal detection and for workflow support and visualization have been developed in the project.

You are cordially invited to attend the HAMAM Session where you will learn about the challenges related to multi-modal breast imaging as well as how the workstation developed during the project facilitates the radiologist's clinical work.

Also, you will have the opportunity to explore the HAMAM workstation hands-on in the EIBIR IMAGINE exhibition after the session.

**EIBIR IMAGINE Theatre**

located on level O2 (next to the EPOS area)

**Austria Center Vienna, Bruno-Kreisky-Platz 1, 1220 Vienna**

### PRELIMINARY PROGRAMME

- 9:00 **The HAMAM Project**  
Horst Hahn, Fraunhofer MEVIS, Institute for Medical Image Computing, Bremen, DE
- 9:15 **The Multi-Modal Breast Imaging Challenge**  
Ulrich Bick, Charité Medical University Berlin, DE
- 9:50 **Establishing Spatial Correspondence Across Modalities**  
David Hawkes, University College London, UK  
Christine Tanner, Swiss Federal Institute of Technology, Zurich, CH
- 10:00 **Multi-Modal Computer Aided Detection of Breast Cancer**  
Nico Karssemeijer, Radboud University Nijmegen Medical Center, NL
- 10:30 **New Concepts for a Multi-Modal Workstation**  
Thorsten Twellmann, MeVis Medical Solutions AG, Bremen, DE
- 10:40 **Late Detected Cancers: The Dutch Experience**  
Roland Holland, Radboud University Nijmegen Medical Center, NL

The project HAMAM is funded under the 7<sup>th</sup> Framework Programme of the European Union.

For more information please visit:

[www.hamam-project.org](http://www.hamam-project.org) or contact EIBIR ([office@eibir.org](mailto:office@eibir.org)).



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