MedViz & VCBM Conference 2016
Bergen, Sept. 7-9; Bikuben Conference Center at Haukeland Campus
http://medvizvcbm.uib.no/
Dear friends!

We hereby invite you to participate in the annual MedViz Conference and the Eurographics Workshop on Visual Computing for Biology and Medicine (EG CBM), together forming a joint, interdisciplinary meeting of experts from technology, medicine, biology and related fields in September 2016. Please, see the tentative program on the following pages.

MedViz has one impressive decade of exciting experiences from annually assembling more than 150 technologists and physicians from Norway and from abroad for the MedViz Conference in Bergen. During Sept. 7-9, 2016, the MedViz Conference comes together with the 6th edition of the Eurographics Workshop on Visual Computing for Biology and Medicine (VCBM). VCBM was first organized in 2008 in Delft, The Netherlands, then becoming a successful series of events, happening again in 2010 in Leipzig, Germany, then in 2012 in Norrköping, Sweden, and then in 2014 in Vienna, Austria. Due to its increased success, VCBM was then improved into an annual event—organized in 2015 in Chester, UK, before then coming to Bergen, Norway this year.

Prof. Odd Helge Gilja
(Haukeland Univ. Hospital) General Chair, MedViz

Prof. Helwig Hauser
(University of Bergen) General Chair, VCBM

Prof. Ragnar Nortvedt
(MedViz) Joint Organizing Chair
Wednesday September 7

1300 – 1345  Lunch
1345 – 1400  Welcome address: Director for Medical Visualization Centre, Haukeland University Hospital, Bergen

Tentative Program

Session I: Visualization
Chairs: Helwig Hauser & Odd Helge Gilja (Storstuen)
1445 – 1530  Panel discussion: Future topics in Medical Visualization
1530 – 1600  Coffee break and Posters

Two parallel Sessions II:

MR modality
Chairs: Ingfrid Haldorsen & Jarle Rørvik (Storstuen)
1600 – 1630  Tijl van der Velden, UMC, Utrecht, The Netherlands: Advanced MR diffusion and metabolic models characterizing tumors
1630 – 1700  Oral presentations
1710 – 1730  Atle Bjørnerud, University of Oslo, Norway: MR perfusion for tumor characterization

VCBM
1600 – 1730  Full Paper presentations (Auditorium)
1730 – 1800  Coffee break and Posters

Session III: Short papers
Chairs: Stefan Bruckner & Ragnar Nortvedt
1800 – 1900  Short Paper presentations(Storstuen)
Thursday September 8

**Session IV: Translational imaging**
Chairs: Martin Biermann & Lars R. Reisæter (Storstuen)

0900 – 0920  Andreas J. Tulipan, Dept. of Radiology and Nuclear Medicine, Oslo University Hospital: Diagnosing prostate cancer with PET

0920 – 1000  Oral presentations

1000 – 1030  Prof. Samer Ezziddin, Department of Nuclear Medicine, Saarland University Hospital, Bad Homburg, Germany: Radiopeptide treatment for Prostate cancer

1030 – 1100  Coffee break and Posters

**Two parallel Sessions V:**

**Ultrasound**
Chairs: Odd Helge Gilja & Roald Flesland Havre (Storstuen)

1100 – 1130  Prof. Paul Sidhu, London, UK: Clinical Applications of Elastography: My Experience

1130 – 1240  Full Paper presentations

1240 – 1300  Prof Bjørn Angelsen, NTNU, Trondheim: SURF elastography for improved ultrasound

**VCBM**
1100 – 1300  Full Paper presentations’ (Auditorium)

1300 – 1400  Lunch

**Session VI: Speed Poster**
Chairs: Veronika Šoltészová & Judit Haász (Storstuen)

1400 – 1530  Oral speed presentations

1530 – 1600  Coffee break and Posters
Thursday September 8

Two parallel Sessions VII:

**PET/MR**
Chairs: Renate Grüner & Thomas Schwarzlmüller (Storstuen)
1600 – 1630 Assoc. Prof. Dr. Bernhard Sattler, University Hospital Leipzig, Germany: PET/MR - Technology and performance, challenges and applications
1630 – 1650 Oral presentations
1650 – 1710 Prof. Hans-René Bjørsvik and Assoc. Prof. Tom Christian Holm Adamsen, Dept. of Chemistry, UiB: PET tracer development in a Horizon2020 project
1710 – 1730 Assoc. Prof. Live Eikenes, NTNU, Trondheim: Experiences with PET/MR in Norway

**VCBM**
1600 – 1730 Full Paper presentations (Auditorium)

Session VIII: Poster
1730 – 1830 Posters in the poster area (K1)
1930 – 2200 Conference Dinner
Friday September 9

Two parallel Sessions IX:

Perfusion Imaging
Chairs: Torfinn Taxt & Erlend Hodneland (Storstuen)

0900 – 0930  Dr. Radovan Jirik:
Recent Advances in MRI and Ultrasound Perfusion Imaging

0930 – 0950  Oral presentations

0950 – 1010  Kim Nylund, Haukeland University Hospital, Bergen:
Ultrasound imaging of perfusion

1010 – 1030  Assoc. Prof. José Manuel Prats Montalbán, Universidad Politécnica de
Valencia, Spain: Multivariate image analysis for multiparametric
phenotyping and prognosis in cancer

VCBM

0900 – 1030  Full Paper presentations (Auditorium)

1030 – 1100  Coffee break and Posters

Session X: Computational Imaging
Chairs: Arvid Lundervold & Antonella Zanna Munthe-Kaas (Storstuen)

1100 – 1130  Prof. Carola-Bibiane Schonlieb, Department of Applied Mathematics and
Theoretical Physics, University of Cambridge, UK:
Seeing more in images - a mathematical perspective

1130 – 1220  Oral presentations

1220 – 1240  Prof. Kent-Andre Mardal, Department of Mathematics, University of Oslo:
Brain & Water - computational modelling of the aging brain

1240 – 1300  Awards for the best PhD Poster, PhD oral presentation and for Image
Contest.
Concluding remarks by Ragnar Nortvedt, MedViz, Bergen

1300 – 1400  Lunch
Organising Secretariat
The organising secretariat is available to provide information regarding hotels and bookings, and other questions. Please contact:
Elin Myhrvold Riple, Phone +47 55972954 or e-mail elin.riple@uib.no
Ragnar Nortvedt, Phone +47 55970529 or e-mail ragnar.nortvedt@helse-bergen.no
Helwig Hauser, Phone +47 55584380 or e-mail helwig.hauser@uib.no

Registration
https://reg.app.uib.no/medvizVCBM

Important dates
Full paper submission deadline for VCBM 2016: June 19, 2016
Full paper notification date for VCBM 2016: July 22, 2016
Camera-ready copy deadline for VCBM 2016: August 14, 2016
Poster abstracts submission deadline for VCBM and MedViz: August 7, 2016
Poster notification date for VCBM and MedViz: August 22, 2016

Registration Fee
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Meeting Venue Bikuben Conference Center
The congress venue is located at Haukeland University Hospital Campus
http://www.helse-bergen.no/no/PaaSjukehuset/Sider/Bikuben.aspx

Accommodation Hotel Scandic Byparken
https://www.scandichotels.no/hotell/norge/bergen/scandic-byparken
Please contact the hotel Phone. +47 55362905 or byparken@scandichotels.com
Ref. no. for registration BUNI090916. The rooms will be reserved according to the first come - first served principle.

Please visit http://medvizvcbm.uib.no/ for up-to-date information!