



GGCoMPRO – Kickoff Workshop

Heidelberg Center for Latin America, Santiago de Chile

Monday, April 9, 2018

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| 10.00 am | Christian Möhler (DKFZ German Cancer Research Center, Heidelberg)
<i>Chilean-German Consortium for Medical Physics in Radiation Oncology</i> |
| 10.20 am | Marco Nolden (DKFZ German Cancer Research Center, Heidelberg)
<i>MITK Workbench – an open source tool for image segmentation and registration</i> |
| 10.40 am | Hans-Peter Wieser (DKFZ German Cancer Research Center, Heidelberg)
<i>matRad as a collaboration tool in radiation oncology</i> |
| 11.00 am | Coffee break |
| 11.30 am | Araceli Gago (Pontifical Catholic University of Chile, Santiago)
<i>Computational radiobiological models in radiotherapy</i> |
| 11.50 am | Mark Bangert (DKFZ German Cancer Research Center, Heidelberg)
<i>Probabilistic models for radiation therapy planning</i> |
| 12.10 pm | Gonzalo Cabal (Clinica El Rosario, Medellin)
<i>Robust treatment planning for breast cancer IMRT</i> |
| 12.30 pm | Lunch break |
| 2.00 pm | Edgardo Dörner (Pontifical Catholic University of Chile, Santiago)
<i>Monte Carlo dose calculations in the era of heterogeneous computing</i> |
| 2.20 pm | Sarina Thomas (DKFZ German Cancer Research Center, Heidelberg)
<i>Interventional image understanding in 2D and 3D: statistical shape models and deep learning on fluoroscopy and C-arm imaging, a surgical use case</i> |
| 2.40 pm | Andres Cordova (Clinica Alemana, Santiago)
<i>Radiotherapy at the Clinica Alemana</i> |
| 3.00 pm | Coffee break |
| 3.30 pm | Beatriz Sanchez (Pontifical Catholic University of Chile, Santiago)
<i>Uncomplicated and cancer free control probability</i> |
| 3.50 pm | Jose Vedelago (University of Cordoba, Argentina)
<i>Advance dosimetry in modern radiation therapy</i> |
| 4.10 pm | Federico Geser (University of Cordoba, Argentina)
<i>Proton-boron fusion in ion therapy: Potential improvements</i> |
| 4.30 pm | Workshop picture |