

## 16th Annual SASRO Meeting 2012

Program Biology, Clinics, Physics, Thursday 19 April 2012

### Room: Festsaal

12:00–13:00	Registration - Coffee - Industrial exhibition
13:00–13:30	Opening ceremony U. R. Meier, Congress President SASRO 2012 D. Aebersold, SASRO President R. Zehnder, Director Kantonsspital Winterthur <i>... and Walter Weber's International New Orleans Jazz Band</i>
13:30–14:15	Invited speaker: M. Pless Med. Oncology, Kantonsspital Winterthur Combined modality treatment in locally advanced NSCLC: A critical review
14:15 - 14:45	Clinics I Chairpersons: G. Pesce, K. Lössel Proffered paper session (8 min + 2 min discussion)
14:15 (C001)	Simultaneous integrated boost in cervix cancer: Too much uncertainty G. Herrera, S. Callaway, E. Delikgoz-Soykut, J. L. Soares-Rodrigues, S. Leal, M. Coskun, L. Porta, A. Joosten, J. F. Germond, J. Y. Meuwly, L. Heym, R. Moeckli, M. Ozsahin
14:25 (C002)	18FDG PET-CT based simultaneous integrated boost for treatment of loco-regionally advanced cervical cancer N. Cihoric, K. Krüger, B. Klaeser, D. M. Aebersold, K. Lössl
14:35 (C003)	Non deep inspiration breath-hold radiotherapy for left sided breast cancer: A retrospective analysis S. Pahari, S. Zepfer, S. Rogers, B. Eberle, S. Efatoski, A. Meister, S. Bodis
14:45–15:15	Coffee break - Poster viewing - Industrial exhibition
15:15–15:45	Invited speaker: Th. Hess Pneumology, Kantonsspital Winterthur Staging in Lung cancer - State of the art
15:45–16:45	Physics I Chairpersons: S. Klöck, M. Aspradakis Proffered paper session (12 min + 3 min discussion)
15:45 (P001)	Breathing anthropomorphic thorax phantom for experimental studies of moving tumors in proton therapy M. Zakova, A. Schätti, A.-C. Knopf, S. Safai, D. Meer, Ye Zhang, D. Boye, A. Lomax, R. Tiefenauer
16:00 (P002)	Towards intrafractional online motion targeting - Beam`s Eye View imaging system for scanned proton therapy Ye Zhang, M. Zakova, A. Knopf, S. Safai, T. Lomax
16:15 (P003)	Motion artifacts and implications of different window levels in contouring of moving targets M. N. Duma, M. Devecka, J. Berndt, M. Oechser, P. M. Putora
16:30 (P004)	Prototype system for intra-fractional motion tracking using the treatment couch S. Lang, S. Abbi, B. Lindl, A. Mack, K. Loewenich, S. Klöck
16:45 - 17:00	Farewell R.-O. Mirimanoff, Laudatio R. Miralbell
17:00 - 18:00	SRO general assembly (grüner Saal)

## 16th Annual SASRO Meeting 2012

Program Biology, Clinics, Physics, Friday 20 April 2012

### Room: Festsaal

08:00–08:30	Registration
08:30–09:15	Physics II Chairpersons: C. Calle, A. Fogliata-Cozzi Proffered paper session (12 min + 3 min discussion)
08:30 (P0005)	Investigation of a new VMAT optimization algorithm for head and neck tumors N. Klippel, M. Schmücking, D. Terribilini, A. Geretschläger, D.M. Aebersold, P. Manser
08:45 (P0006)	4D treatment planning using motion information from 4D-MRI D. Boye, T. Lomax, A. Knopf
09:00 (P0007)	How realistic is 4D treatment planning for scanned proton therapy using rigid motion models? A.-C. Knopf, Ye Zhan, D. Boye, A. Lomax
09:15–10:00	Invited speaker: W. Verbakel Department of Radiotherapy, VU University medical center, Amsterdam Optimal treatment techniques for lung SBRT and st III lung cancer
10:00 - 10:30	Coffee break - Poster viewing - Industrial exhibition
10:30–11:15	Invited speaker: M. Guckenberger Department of Radiation Therapy, University Hospital Würzburg Stereotactic body radiotherapy for early stages NSCLC: Ready for prime time?
11:15–12:00	Clinics III Chairpersons: L. Plasswilm, A. Allal Proffered paper session (12 min + 3 min discussion)
11:15 (C004)	Is there a role of 99mTc-MAA SPECT/CT for radiation treatment planning in thoracic tumors using VMAT? N. D. Klass, C. Boy, B. Klaeser, R. Bigler, M. Hentschel, N. Cihoric, J. Tille, T. Krause, D. M. Aebersold, M. Schmuecking
11:30 (C005)	Accelerated hypofractionated radiotherapy in inoperable lung cancer using Tomotherapy: The Lausanne experience H. Bouchaab, S. Peters, H. B. Ris, P. Tsoutsou, M. Pachoud, R. O. Mirimanoff, M. Ozsahin, O. Matzinger
11:45 (C006)	Advanced hypopharynx carcinoma: Feasibility of radical accelerated 72 Gy concomitant boost irradiation and simultaneous chemotherapy L. Müller-Beffa, M. Caimi, Th. Götzfried, R. Greiner, P. Thum
12:00 - 13:30	Lunch symposium - Industrial exhibition
13:30 - 14:20	Honorary member M. Bolla, 20 min., Laudatio 5 min., R.-O. Mirimanoff E. Pedroni, 20 min., Laudatio 5 min., T. Lomax
14:20 - 15:00	Biology Chairpersons: K. Zaugg, O. Matzinger Proffered paper session (8 min + 2 min discussion)
14:20 (B001)	Ras mutations override sensitivity to anti-met targeted therapy D. Leiser, M. Medová, K. Mikami, W. Blank, B. Streit, D. Aebersold, Y. Zimmer
14:30 (B002)	Met targeting in combination with irradiation induces post-mitotic cell death M. Medova, S. Yousefi, B. Streit, W. Blank-Liss, H. Simon, D. Aebersold, Y. Zimmer
14:40 (B003)	CPT1C-Depletion delays tumour growth in a mouse tumour model N. Sanchez-Macedo, J. Feng, E. Lucchinetti, U. M. Lütolf, K. Zaugg

14:50 (B004)	In vitro and in vivo tumor radiosensitization induced by TAT-RasGAP317-326 peptide D. Viertl, A. Annibaldi, M. Özsahin, R.-O. Mirimanoff, C. Widmann, O. Matzinger
15:00 - 15:30	Coffee break - Poster viewing - Industrial exhibition Coffee break sponsored by PONTAX Schweiz AG Strahlenschutz für Medizin, Industrie und Forschung
15:30 - 16:15	Introduction: K. Zaugg Invited speaker: H. P. Rodemann Section of Radiobiology and Molecular Environmental Research, University Hospital of Tübingen Role of membrane receptors in the cellular radiation response
16:15 - 17:00	Clinics III Chairpersons: O. Riesterer, D. Weber Proffered paper session (12 min + 3 min discussion)
16:15 (C007)	Comparison of cone beam CT and KV/KV-Imaging using fiducial marker for PTV margin definition in IGRT of localized prostate cancer C. Oehler, S. Lang, P. Dimmerling, C. Bolesch, S. Kloeck, A. Tini, C. Glanzmann, U. M. Luetolf, Y. Najafi, G. Studer, K. Zaugg, D. Zwahlen
16:30 (C008)	Conservative treatment for invasive bladder cancer: A comparative study of two chemoradiotherapy schedules F. Caparrotti, R. Miralbell, T. Zilli
16:45 (C009)	Bladder cancer: 1Y follow up after chemotherapy with deep hyperthermia. A phase II protocol is ready to start E. Puric, B. Eberle, J. Heuberger, N. Lomax, P. Spoerri, S. Bodis, J. van der Zee
17:00 - 18:00	SASRO general assembly including Farewell U. M. Lütolf, Laudatio S. Bodis
19:00	Welcome Aperó
20:00	Gala-Dinner

Additional information

17:15 and 18:15	Cultural part
10:30 - 11:30	Guided tours to Clinic of Radiation Oncology, Kantonsspital Winterthur

## 16th Annual SASRO Meeting 2012

Program Biology, Clinics, Physics, Saturday 21 April 2012

### Room: Festsaal

08:30 - 09:00	Registration
09:00 - 09:30	Clinics IV Chairpersons: S. Bieri, K. Beer Proffered papers sessions (8 min+2 min discussion)
09:00 (C010)	Cavity radiosurgery and stereotactic hypofractionated radiotherapy as adjuvant therapy after resection of cerebral metastases J. Broemme, P. Schucht, J. Beck, J. Abu-Isa, R. Kottke, M. Malthaner, D. Schmidhalter, D. M. Aebersold, A. Pica
09:10 (C011)	Diffusion tensor imaging to inform target volume definition in radiotherapy planning for glioblastoma multiforme J. Berberat, S. Khan, G. Lutters, L. Remonda, S. Bodis, S. Rogers
09:20 (C012)	Radical radiotherapy of brain metastases with or without "prophylactic" cranial irradiation using RapidArc SIB Ph. Gut, R. Greiner, R. Seiler, P. Thum
09:30 - 10:00	Physics II Chairpersons: P. Manser, H. Schiefer Proffered papers sessions (8 min+2 min discussion)
09:30 (P008)	The dosimetric small-field limit for stereotactic treatment of brain metastases with conventional equipment and procedures H. Neuenschwander
09:40 (P009)	Forward planned mert using the swiss Monte Carlo-Plan D. Henzen, P. Manser, D. Frei, W. Volken, H. Neuenschwander, E.J. Born, M.K. Fix
09:50 (P010)	Macro Monte Carlo for proton dose calculation in water M. K. Fix, D. Frei, W. Volken, E. J. Born, D.M. Aebersold, P. Manser
10:00 - 10:30	Coffee break - Poster viewing - Industrial exhibition
10:30-11:20	Invited speaker: Th. Cerny Department of Internal Medicine and Oncology, Kantonsspital St. Gallen Cancer in Switzerland: A formidable challenge for all
11:20 - 11:40	Awards
11:40 - 12:00	Closing ceremony

### Additional information

12:00 - 13:00	Guided tours to Clinic of Radiation Oncology, Kantonsspital Winterthur
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