

Main Session, Biology, Clinics, Physics

Thursday, March 19th, 2009

12:00 – 13:15	Upper Mall	Registration and Coffee	16:00 – 17:00	Cinema 1	Clinics I Chairpersons: St. Bodis, F. Zimmermann Proffed Paper Session (12 min + 3 min discussion)
13:15 – 13:30	Cinema 1	Opening Ceremony A. Lomax, Congress President SASRO 2009 D. Aebersold, SASRO President	16:00 – 16:15	Cinema 1 CO1 page 50	PROTON RADIOTHERAPY (PT) AT PAUL SCHERRER INSTITUTE: THE FIRST YEAR OF CONTINUOUS CLINICAL OPERATION Hug E., Ares C., Bolsi A., Coray D., Goitein G., Lederer L., Timmermann B., Salk J., Schneider R., Frei A., Lomax A.J. (Center for Proton Beam Radiation Therapy, PSI, Switzerland)
13:30 – 14:30	Cinema 1	Physics I Chairpersons: S. Bulling, U. Schneider Proffed Paper Session (12 min + 3 min discussion)	16:15 – 16:30	Cinema 1 CO2 page 51	SPOT-SCANNING PROTON RADIATION THERAPY FOR EXTRA-CRANIAL CHORDOMA Rutz H.P., Staab A., Timmermann B., Ares C., Lomax T., Goitein G., Hug E. (Center for Proton Radiation Therapy, PSI, Switzerland)
13:30 – 13:45	Cinema 1 PO1 page 68	INITIAL COMMISSIONING OF THE BEAM LINE OF THE NEW GANTRY 2 OF PSI Pedroni E., Meer D., Bula Ch., Zenklusen S. (Center for Proton Beam Radiation Therapy, PSI, Switzerland)	16:30 – 16:45	Cinema 1 CO3 page 52	PROTON BEAM RADIATION THERAPY OF CHILDHOOD MALIGNANCIES AT PSI: A PROSPECTIVE ANALYSIS Timmermann B., Maier S., Lomax A., Niggli F.*, Frei M.*, Hug E. (Center for Proton Beam Radiation Therapy, PSI, Switzerland; *Children's Hospital, University Zürich, Switzerland)
13:45 – 14:00	Cinema 1 PO2 page 69	DEVELOPMENTS TOWARDS NEW PROTON BEAM SCANNING TECHNIQUES ON THE NEW GANTRY 2 Meer D., Pedroni E., Bula Ch., Zenklusen S. (Center for Proton Beam Radiation Therapy, PSI, Switzerland)	16:45 – 17:00	Cinema 1 CO4 page 53	PROTON RADIATION THERAPY OF OCULAR MELANOMA AT PSI - LONG TERM ANALYSIS Goitein G. ⁽¹⁾ , Schalenbourg A. ⁽²⁾ , Verwey J. ⁽¹⁾ , Bolsi A. ⁽¹⁾ , Ares C. ⁽¹⁾ , Chamot L. ⁽²⁾ , Pampallona S. ⁽³⁾ , Hug E. ⁽¹⁾ , Zografos L. ⁽²⁾ (1) Center for Proton Beam Radiation Therapy, PSI, Switzerland; (2) Hôpital Ophtalmique Jules Gonin, Avenue de France, 1004 Lausanne; (3) forMed, Statistics for Medicine (3), 1983 Evolène
14:00 – 14:15	Cinema 1 PO3 page 70	SIB RADIOTHERAPY OF BILATERAL BREAST WITH RAPIDARC COMPARED TO IMRT Cozzi L., Vanetti E., Clivio A., Nicolini G., Fogliata A. (Oncology Institute of Southern Switzerland, Bellinzona)	17:00 – 18:00	Cinema 1	General Assembly SRO
14:15 – 14:30	Cinema 1 PO4 page 71	3D IN VIVO DOSIMETRY IN TOMOTHERAPY: FIRST RESULTS Schombourg K., Bochud F., Moeckli R. (University Institute for Radiation Physics CHUV and Lausanne University)			
14:30 – 15:15	Cinema 1 IS1 page 36	Invited Speaker: O. Jäkel , Heidelberg Ion Beam Therapy Center and German Cancer Research Center STATUS AND OBJECTIVES OF THE HEIDELBERG ION BEAM THERAPY FACILITY			
15:15 – 16:00	Upper Mall/ Glassaal	Coffee Break / Posters / Industrial Exhibition			

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Friday March 20th, 2009

08:30 – 09:45	Cinema 1	Physics II Chairpersons: R. Seiler, PA Tercier Proffed Paper Session (12 min + 3 min. discussion)
08:30 – 08:45	Cinema 1 PO5 page 72	DOSIMETRIC PERFORMANCE OF THE HIGH-DEFINITION HD120 MLC Manser P., Frauchiger D., Malthaner M., Born E.J., Fix M.K. (Division of Medical Radiation Physics, Inselspital – University of Berne, Switzerland)
08:45 – 09:00	Cinema 1 PO6 page 73	STUDYING THE EFFECT OF IONIZATION CHAMBER MEASUREMENTS IN LOW-DENSITY MEDIA USING MONTE CARLO SIMULATION Pisaturo O., Bochud F.O., Moeckli R. (University Institute for Radiation Physics, CHUV, UNIL)
09:00 – 09:15	Cinema 1 PO7 page 74	PERIPHERAL DOSIMETRY BY MONTE CARLO FOR 6MV AND CO-60 BEAMS Joosten A., Levi F., Baechler S., Mirimanoff R.O., Bochud F., Moeckli R. (Institute for Radiation Physics; Cancer Epidemiology Unit and Cancer Registries of Vaud and Neuchâtel, Institute of Social and Preventive Medicine (IUMSP); Department of Radiation Oncology, Centre Hospitalier Universitaire Vaudois, Lausanne)
09:15 – 09:30	Cinema 1 PO8 page 75	DOSE DELIVERY SIMULATIONS FOR REPAINTED PROTON BEAM SCANNING Zenklusen S., Pedroni E., Meer D. (Center for Proton Beam Radiation Therapy, PSI, Switzerland)
09:30 – 09:45	Cinema 1 PO9 page 76	PROTON RANGE VERIFICATION USING A RANGE PROBE: DEFINITION OF CONCEPT AND INITIAL ANALYSIS Murmot M., Algranati C., Hartmann M., Schippers J.M., Hug E., Lomax A.J. (Center for Proton Beam Radiation Therapy, PSI, Switzerland)

09:45 – 10:30	Cinema 1 IS2 page 37	Invited Speaker: M. Hoogeman , Erasmus MC – Daniel den Hoed Cancer Center CYBERKNIFE: IMAGE GUIDANCE AND REAL-TIME TRACKING
10:30 – 11:15	Upper Mall/ Glassaal	Coffee Break / Posters / Industrial Exhibition
11:15 – 12:30	Cinema 1	Clinics II Chairpersons: L. Plasswilm, G. Studer Proffed Paper Session (12 min + 3 min. discussion)
11:15 – 11:30	Cinema 1 CO5 page 54	RADIATION THERAPY IN THE MANAGEMENT OF NODE NEGATIVE, SMALL (≤ 2 cm) ANAL CANCER Zilli T., Allal A.S., Casanova N., Miralbell R., Ozsahin M. (Department of Radiation Oncology of the Geneva University Hospital, Geneva, Switzerland)
11:30 – 11:45	Cinema 1 CO6 page 55	IMRT AND CONCURRENT CHEMOTHERAPY FOR ANAL CANCER PATIENTS: AVOIDING TREATMENT BREAKS Kollar A.; Aebersold D.M.; Blumstein N.M. (Institute: Department of Radiation Oncology, Inselspital Bern, Switzerland)
11:45 – 12:00	Cinema 1 CO7 page 56	SIMULTANEOUS INTEGRATED BOOST (SIB) BY TOMOTHERAPY FOR THE TREATMENT OF CERVIX CANCER WITH 18F-FDG PET Bouchaab H., Delaloye J.F., Achantari C., Paschoud M., Vallet V., Moeckli R., Prior J., Pica A. (Radiation Oncology, Gynecology, IRA, Nuclear Medicine, CHUV Lausanne)
12:00 – 12:15	Cinema 1 CO8 page 57	TIMING OF RADIOTHERAPY (RT) AND OUTCOME IN PATIENTS (PTS) RECEIVING ADJUVANT ENDOCRINE THERAPY (ET) Gruber G. on behalf of RT Task Force of IBCSG (Clinic Hirslanden, Institute for Radiotherapy, Zuerich; International Breast Cancer Study Group; www.ibcsg.org)

- 12:15 – 12:30 Cinema 1
CO9
page 58
- ADENOID CYSTIC CARCINOMA (ACC) OF THE BREAST: A RARE CANCER NETWORK STUDY
Khanfir K., Kallel A., Villette S., Belkacemi Y., Vautravers C., Nguyen T.D., Miller R., Li Y.X., Taghian A., Goldberg H., Poortmans P., Boersma L.J., Veas H.J., Senkus-Konefka E., Igdem S., Ozsahin M., Jeanneret Sozzi W. (Universities or Cancer Centers at Sion (CH), Lausanne (CH), Villejuif (F), Paris (F), Lille (F), Dijon (F), Reims (F), Rochester, MN (USA), Beijing (PRC), Boston (USA), Naharia (IL), Tilburg (NL), Maastricht (NL), Geneva (CH), Gdansk (PL), Istanbul (TR))
- 12:30 – 14:00 Upper Mall/
Glassaal
- Lunch / Posters / Industrial Exhibition**
- 14:00 – 15:00 Cinema 1
- Biology I**
Chairpersons: A. Pica, Y. Zimmer
Proffed Paper Session (12 min + 3 min. discussion)
- 14:00 – 14:15 Cinema 1
BO1
page 46
- INHIBITION OF THE MET RECEPTOR TYROSINE KINASE SIGNIFICANTLY IMPACTS THE DNA DAMAGE RESPONSE MACHINERY
Medová M., Aebersold D.M., Blank-Liss W., Streit B., Zimmer Y. (Radiation Oncology, Inselspital, University of Berne, Switzerland)
- 14:15 – 14:30 Cinema 1
BO2
page 47
- THE MAJOR VAULT PROTEIN AND IONIZING RADIATION
Hollenstein A., Pruschy M. (University Hospital Zurich, Laboratory for Molecular Radio Biology)
- 14:30 – 14:45 Cinema 1
BO3
page 48
- PROBING THE TUMOR RESPONSE UNDER TREATMENT
Orlowski K., Zimmermann M., Vuong V., Rohrer Bley C., Pruschy (University Hospital Zurich, Zurich, Switzerland)
- 14:45 – 15:00 Cinema 1
BO4
page 49
- ENHANCEMENT IN LOCAL TUMOR CONTROL AND REDUCTION IN DISTANT METASTASES OF HUMAN TUMOR XENOGRAPHS BY COMBINING RADIOTHERAPY WITH C225 ANTI-EGFR AND DC101 ANTI-VEGFR-2 ANTIBODIES
Riesterer O., Yang Q., Raju U., Tucker S.L., Valdecanas D., Carpenter J., Pickett J., Wang L., Ang K.K., Milas L. (University Hospital Zurich, Zurich, Switzerland, University of Texas M.D. Anderson Cancer Center, Houston, TX, USA)

- 15:00 – 15:45 Upper Mall/
Glassaal
- Coffee Break / Posters / Industrial Exhibition**
- 15:45 – 16:30 Cinema 1
IS3
page 38
- Joint Invited Speaker: W. de Neve,**
Ghent University Hospital
NEW TRENDS IN RADIATION THERAPY
- 16:30 – 18:00 Cinema 1
- General Assembly SASRO**
- 18:00 – 22:00 PSI
- Social Event** at the OASE restaurant,
Paul Scherrer Institut, Villigen

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Saturday, March 21st, 2009

08:30 – 09:30	Cinema 1	Clinics III Chairpersons: G. Pesce, A. Pica Proffed Paper Session (12 min + 3 min. discussion)
08:30 – 08:45	Cinema 1 CO10 page 59	COMPARISON OF TWO DIFFERENT TECHNIQUES IN PROSTATE SEED IMPLANTATION: SINGLE SEEDS VS CUSTOMIZABLE STRANDS Thoeni A., Neuenschwander H., Wulf J. (Radio-Onkologie, Lindenhofspital, Bern)
08:45 – 09:00	Cinema 1 CO11 page 60	HYPOFRACTIONATED HIGH-PRECISION RADIOTHERAPY OF TUMORS IN THE LUNG AND LIVER AT LINDENHOFSPITAL BERN: FROM STEREOTACTIC COORDINATES TO IMAGE-GUIDED TREATMENT Wulf J., André L., Oppitz U., Thoeni A. (Lindenhofspital Bern)
09:00 – 09:15	Cinema 1 CO12 page 61	PROSTATE CANCER RELAPSE AFTER PRIMARY THERAPY: A DIAGNOSTIC AND THERAPEUTIC DILEMMA – IS [11C]-CHOLINE PET/CT A SENSITIVE TOOL FOR PATIENT SELECTION FOR SALVAGE RT? Schoch M., Aebersold D.M., Reske S.N., Blumstein C.G., Perner S., Gottfried H.W., Kuefer R., Blumstein N.M. (Department of Nuclear Medicine, University of Ulm, Germany)
09:15 – 09:30	Cinema 1 CO13 page 62	COMPARATIVE METHODS FOR DELINEATION OF TARGET VOLUMES IN 18F-CHOLINE PET/CT STUDIES OF RECURRENT PROSTATE CANCER Wang H., Veas H., Senthamizhchelvan S.*, Wissmeyer M*, Steiner C.*, Ratib O.*, Miralbell R., Zaidi H.* (Service of Radiation Oncology and *Nuclear Medicine, Geneva)
09:30 – 10:15	Cinema 1 IS4 page 39	Invited Speaker: F. Saran, Department of Radiotherapy, Royal Marsden NHS Foundation Trust, Sutton, Surrey
10:15 – 10:45	Upper Mall/ Glassaal	Coffee Break / Posters / Industrial Exhibition

10:45 – 12:00	Cinema 1	Clinics IV Chairpersons: S. Bieri, K. Zaugg Proffed Paper Session (12 min + 3 min. discussion)
10:45 – 11:00	Cinema 1 CO14 page 63	MUTATION OF ISOCITRATE DEHYDROGENASE (IDH1) IN BRAIN TUMORS AS A PREDICTOR FOR SURVIVAL Pesce G. ⁽¹⁾ , Bleeker E.F. ⁽²⁻³⁾ , Martin V. ⁽⁴⁾ , Mauri S. ⁽¹⁾ , Lamba S. ⁽³⁾ , Boscherini D. ⁽⁵⁾ , Renella R.R. ⁽⁵⁾ , Mazzucchelli L. ⁽⁴⁾ , Bardelli A. ⁽³⁾ , Frattin M. ⁽⁴⁾ (1) Radiation Oncology IOSI, Bellinzona CH, (2) Neurosurgical Center Amsterdam, NL, (3) Lab. of Molecular Genetics, University of Torino, Candiolo I, (4) Inst. of Pathology, Locarno CH, 5. Neurosurgery Department, Regional Hospital, Lugano CH
11:00 – 11:15	Cinema 1 CO15 page 64	LOW DOSE (2x2 Gy) RT IN INDOLENT LYMPHOMA Rossier C. ⁽¹⁾ , Schick U. ⁽²⁾ , Weber D. ⁽²⁾ , Miralbell R. ⁽²⁾ , Mirimanoff R.O. ⁽¹⁾ , Ozsahin M. ⁽¹⁾ (1) Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne (2) Hôpitaux Universitaires de Genève (HUG), Geneva
11:15 – 11:30	Cinema 1 CO16 page 65	OUTCOME AND PATTERNS OF FAILURE IN PATIENTS WITH CARCINOMA OF UNKNOWN PRIMARY (CUP) IN THE HEAD AND NECK REGION: SELECTIVE VS EXTENSIVE CERVICAL LYMPH NODE IRRADIATION Graeter R., Aebersold D.M., Blumstein N.M. (Department of Radiation Oncology, University of Berne)
11:30 – 11:45	Cinema 1 CO17 page 66	DAILY SETUP VARIATIONS ON HELICAL TOMOTHERAPY OF HEAD AND NECK CANCER Mazouni Z., Duclos F., Zouhair A., Mirimanoff R.O., Ozsahin M. (Department of Radiation Oncology, Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne, Switzerland)
11:45 – 12:00	Cinema 1 CO18 page 67	OUTCOME OF PATIENTS PRESENTING WITH 1-3 BRAIN METASTASIS (BM) TREATED WITH A BOOST AFTER WBRT Casanova N. ⁽¹⁾ , Mazouni Z. ⁽²⁾ , Pica A. ⁽²⁾ , Weber D.C. ⁽¹⁾ (1) Department of Radiation Oncology, Genève, (2) Department of Radiation Oncology, Lausanne)
12:00 – 12:30	Cinema 1	Awards and Closing Ceremony