2nd NIRS-ETOILE Joint Symposium on Carbon Ion Therapy
Friday, November 25, 2011

**Introduction**

**Opening remarks**
- Welcome address and the medical hope for hadrontherapy in France
  presented by JY Blay (Prdt EORTC)
- Opening remarks by NIRS group
  H. Tsujii
-Greetings
  To be confirmed

**The landscape of Hadrontherapy in Japan and Europe (I)** (Chair: R. Orrechia, H. Tsujii)
- Brief introduction of plans in Japan
  H. Tsujii
- European organization and programs for carbon ion therapy
  R. Orrechia (to be confirmed)

**Clinical sessions**

**Experiences at NIRS** (Chair: P. Pommier, H. Tsujii)
- NIRS introduction
  T. Murakami
- Overview of the carbon ion therapy at HIMAC
  T. Kamada
- Discussion

**Coffee break**

- 11:00 Skull Base Tumor
  M. Koto
- 11:15 Head & Neck Tumor
  A. Hasegawa
- 11:30 Discussion
- 11:35 Lung Cancer
  N. Yamamoto
- 11:50 Bone & Soft Tissue Sarcoma
  R. Imai
- 12:05 Discussion
- 12:10 Hepatoma
  H. Imada
- 12:25 Local Relapse of Rectal Cancer
  M. Shinoto
- 12:40 Pancreas Cancer
  M. Shinoto
- 12:55 Discussion

**Lunch on site**

**General Discussion**

**European Clinical Experiences** (Chair: M.H. Baron, J. Mizoe)
- Overview of the carbon ion therapy and research at HIT
  J. Debus or T. Haberer (to be confirmed)
- Clinical trials ongoing and coming at HIT
  J. Debus or S. Combs (to be confirmed)

**General Discussion**

**Coffee break**

**Round table about cooperation and data exchanges** (Chair: J. Ballosso, T. Kamada)
- The need of clinical outcome data for patient selection model
  B. Ribba
- The need of medical imaging data for tumor motion simulation
  J. Saadé
- Discussion as a round table for 30 min
- End of the open sessions

**about 17:30 Off session discussion about ETOILE-NIRS cooperation**
Saturday, November 26, 2011

The landscape of Hadrontherapy in Japan and Europe (II) (Chair: J. Bourhis, T. Kanai from Gunma) (To be confirmed)

08:30 Present status of hadrontherapy in France: France HADRON J. Balosso
09:00 Status of HIMAC K. Noda
09:15 New particle Therapy Facility in NIRS, Present and Future Plan T. Shirai
09:30 Current trends in the promotion of Carbon-ion Radiotherapy in Japan A. Kitagawa
09:45 Standards in particle therapy M. F. Moyers

*add a presentation on efforts for standardization like IEC.

10:05 General Discussion
10:20 Coffee break

Scientific session

Ion Beam Technology (Chair: J. Collot, K. Noda) (to be confirmed)

10:35 NIRS Scanning System: Present Status and Future Prospects T. Furukawa
10:50 Discussion
10:55 TPS for NIRS Scanning: Present Status and Future Prospects T. Inaniwa
11:10 Discussion
11:25 Multi-dimensional Image Guided Particle Therapy S. Mori
11:30 Discussion
11:35 Modeling of Clinical and Biological Effect of Therapeutic Carbon Ion Beam M. Matsufuji
11:50 Discussion
11:55 GSI-HIT Scanning System: Present Status and Future Prospects T. Haberer or U. Weinrich (To be confirmed)
12:10 Discussion
12:15 Imaging System for QI: Present Status and Future Prospects E. Testa
12:30 General Discussion
12:45 Adjourn (no scientific open session in the afternoon, attendees will have free time)

Off session specific working party

14:00 Workshop for the opening of the HIT-ETOILE trial "PHRC-ETOILE" P. Pommier
17:00

Sunday, November 27, 2011

The landscape of Hadrontherapy in Japan and Europe (III) : New Facilities (Chair: R. Mayer, S. Kudo) (To be confirmed)

09:00 Status of GHMC (Gunma) T. Kanai
09:10 CNAO at Pavia P. Fossati or S. Rossi or R. Orrechia (To be confirmed)
09:20 Status of Saga-HIMAT S. Kudo
09:30 MedAustron in Wiener-Neustadt R. Mayer or M. Benedict (To be confirmed)
09:40 Other projects in Europe (UK, Be, Sw ???) F. Deconinck (To be confirmed)
09:50 Rhön Klinikum AG - University of Marburg ?
10:00 NRoCK ?
10:10 General Discussion
10:25 Coffee break

Scientific session

Ion Beam Biology (Chair: C. Rodriguez-Lafrasse, Y. Furusawa) (To be confirmed)
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:45</td>
<td>Biological specificity of Carbon Ion Beam: Present Status and FutureProspects</td>
<td>C. Rodriguez-L or junior scientist (To be confirmed)</td>
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<td>11:05</td>
<td>Discussion</td>
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<td>11:15</td>
<td>Relative Biological Effectiveness of Therapeutic Ion Beam at ClinicalFacilities and it’s Inter-comparison</td>
<td>Y. Furusawa</td>
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<td>11:35</td>
<td>Discussion</td>
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<tr>
<td>11:45</td>
<td>RBE modelization: Present Status and Future Prospects</td>
<td>D. Dabli</td>
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<td>12:05</td>
<td>General Discussion</td>
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**Closing remarks**

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<tr>
<th>Time</th>
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<tr>
<td>12:15</td>
<td>Closing remarks</td>
<td>H. Tsujii</td>
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<td></td>
<td>Closing remarks</td>
<td>J. Balosso</td>
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**12:30** End of the symposium

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On Thursday 24th evening, before the symposium, in the offices of GCS-ETOILE (60 Avenue Rockefeller, F-69008 Lyon)

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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>17:00</td>
<td>Workshops for WP2 of ULICE</td>
<td>WP coordinator(s)</td>
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*Other Workshops are possible in the same location on demand*