



**The 46th ICFA Advanced Beam Dynamics Workshop on High-Intensity and High-Brightness Hadron Beams "HB2010"**

The 46th ICFA Advanced Beam Dynamics Workshop will take place from September 27 to October 1, 2010 in Morschach near Lake Lucerne, Switzerland.

## Proceedings Report from HB2010



Aerial view of Morschach with Lake Lucerne.

The fifth meeting in a series of workshops focused on High-Intensity, High-Brightness Hadron Beams will be hosted by the Paul Scherrer Institut, PSI. HB2010 continues the tradition of successful workshops held in Batavia (2002), Bensheim (2004), Tsukuba (2006) and Nashville (2008). The program covers experimental and theoretical advancements associated with high-intensity and/or high-brightness hadron beams, beam dynamics studies, reviews of planned projects, and practical experience gained with operating accelerators. The workshop is intended to provide a venue for detailed discussion and close interaction among experts in the field of accelerator science and technology.

The meeting will be held in Morschach, embedded in a beautiful landscape 200 m above Lake Lucerne. We plan to offer a visit to PSI and its accelerator facilities on October 1. The workshop website <http://hb2010.web.psi.ch> will be regularly updated to include the latest information as it becomes available.

Mike Seidel, PSI, Chair HB2010  
[hb2010@psi.ch]



Workshop	Venue	Participants	Papers
HB 2006	Tsukuba	135	112
HB 2008	Nashville	122	112
HB 2010	Morschach	167	141 /161

Paper submission deadline: Saturday, 25 September 2010, 12:00  
i.e. 2 days prior to Workshop

Note: HB2008 (Nashville) paper submission deadline was post-Workshop, with paper processing undertaken at host institute, Oak Ridge National Laboratory (Charlie Horak et al.)

Mike Seidel,  
Chair



3 Editors (JC+MM+VRWS),  
25 -31 September @ Workshop  
Venue; 122 papers (max 5 pages  
posters,talks) + 110 Oral  
presentations processed to pdf

Pre-press release, announced  
in summary session  
<http://hb2010.web.psi.ch>

Andreas Adelmann,  
Scientific Chair



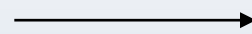
# Green dots, Yellow Dots, Red Dots

● 25%

● 56%

● 19%

141 Papers Processed so far  
(161 Abstracts, including 7  
WG summary talks)



Incorrect  
Title/author list,  
Text,  
Table,  
Figure,  
formatting

Author platforms

Word (PC): 72%

Linux: 11%

Word (Mac) 17%



## Some Remarks

Eight Working Groups in parallel sessions, 22 conveners, 110 orals (2/3 invited) and 54 posters ; Microsoft Office 2010

PDFs of talks made available on-line immediately after each session

Discussion sessions (16:15 – 18:00) often went on until late in the evening, maintaining the Workshop nature of the HB series!

Maintain gentle pressure on authors who have not yet submitted , reminding them of their obligations! Act against culture of giving a presentation but not writing-up! Transparencies will not be used as a substitute for missing talks! Still time for authors to write-up as we wait on Summary Session Speakers, and Invited Speakers, to deliver.

Expect to submit to JACoW in January 2011, with 90% contributions





Next Workshop: HB2012, IHEP, Beijing

Jan Chrin, PSI,

JACoW Team Meeting, BNL, November 2010