

ERL2005

Closing Remarks

Lia Merminga

Jefferson Laboratory

March 19-23, 2005

Newport News, VA

ERL2005

32nd ICFA Advanced Beam Dynamics
Workshop on Energy Recovering Linacs
Jefferson Lab, Virginia, USA
March 19-23, 2005

Charting New Territories

Energy Recovering Linacs (ERLs) are emerging as a powerful new paradigm of electron accelerators as they hold the promise of delivering high average current beams with efficiency that approaches that of storage rings, while maintaining beam quality characteristics of linacs, as their 6-dimensional phase space is largely determined by electron source properties. Envisioned ERL applications include accelerators for the production of synchrotron radiation, free electron lasers, high-energy electron cooling devices, and electron-ion colliders. The ERL2004 workshop is the first of its kind, to address issues related to the generation of high brightness and simultaneously high average current electron beam, and its stability and quality preservation during acceleration and energy recovery.

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For more information please email erl@jlab.org
www.jlab.org/intralab/calendar/archive04/erl/





- The first international workshop dedicated to ERLs in their various manifestations
- From the overwhelming response:
 - 158 registered participants
 - 81 submitted abstracts

→ ERL physics and technology is a rich and active R&D area
→ Time was ripe for an ERL workshop

- From WG summaries, participants interactions and feedback
 - much was accomplished towards workshop goals
- Particularly fruitful to bring various disciplines together: from lasers, beam transport, RF/SRF to sophisticated diagnostics
- Encouraging to see traditionally non-ERL experts participate





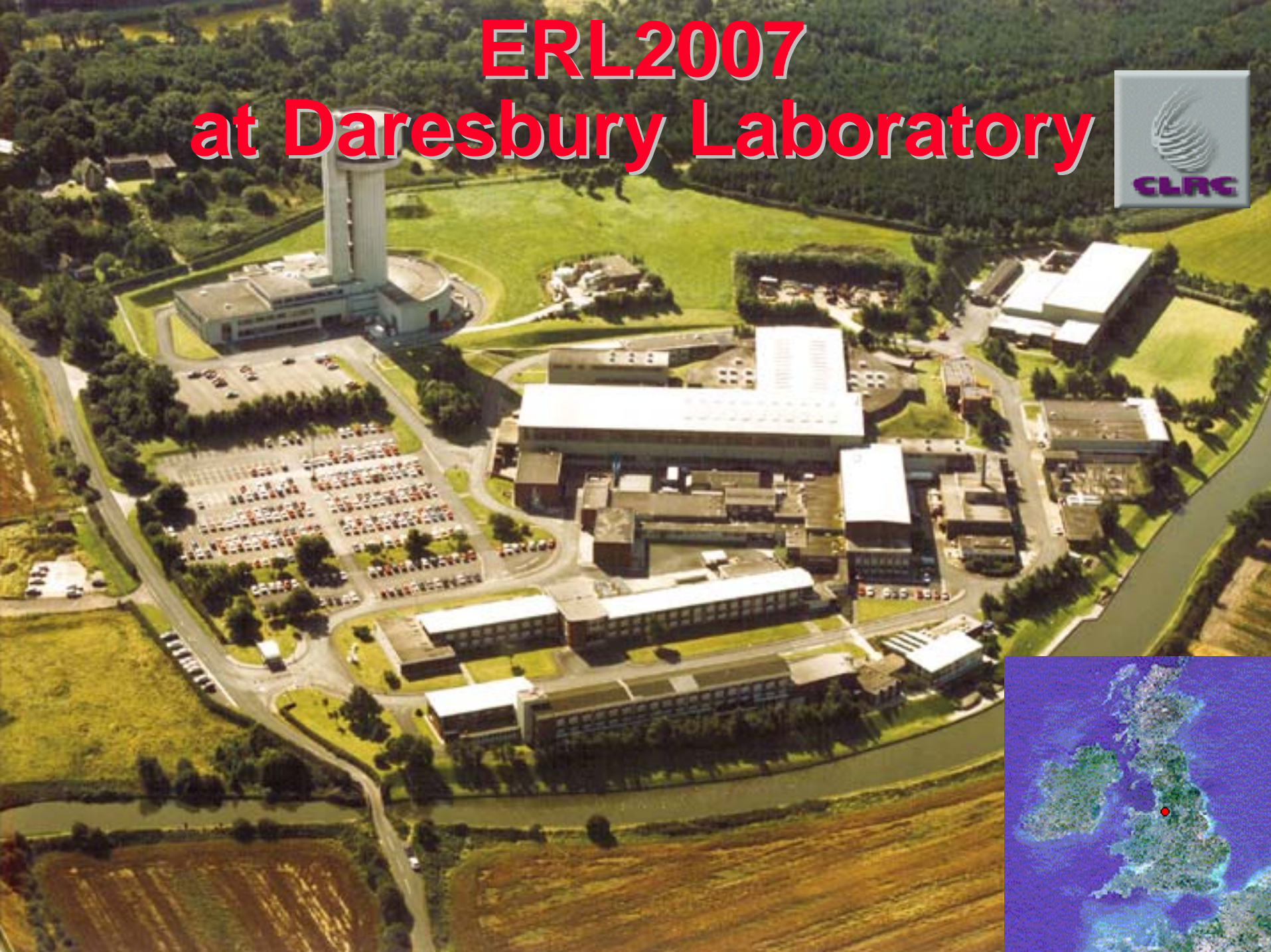
- Talks will be posted on the web
- Workshop proceedings will be published in NIM-A

Speakers are requested to submit their papers to ERL@jlab.org

- Speakers of Opening and Closing Plenary sessions have a page limit of 6 pages
- Speakers of WG sessions with talks ≥ 20 min have a page limit of 4 pages
- Speakers of WG sessions with talks < 20 min, have a page limit of 3 pages

- Deadline for paper submission is **April 30, 2005**

ERL2007 at Daresbury Laboratory





- To the conveners of the Working Groups for their dedication, hard work and truly outstanding performance
- To the speakers for excellent presentations
- To the workshop sponsors:



- To all of you for making ERL2005 a useful workshop
- To JLab Staff Services for superb organization



**Thank you!
Goodbye
and
See you in Daresbury in 2007!**