



ICHEC

Irish Centre for High-End Computing

PRACEdays15 Welcome

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An Roinn Post, Fiontar agus Nuálaithe
Department of Jobs, Enterprise and Innovation



AN ROINN
OIDEACHAIS AGUS SCILEANNA
DEPARTMENT OF
EDUCATION AND SKILLS

HEA
Higher Education Authority
an tÚdarás um Ard-Oideachas



NUI Galway
OÉ Gaillimh

www.ichec.ie

Céad míle fáilte

*A dhaoníe uaisle
A Cairde*

*Cuireann Coláiste Ollscoile na Gaillimhe agus ICHEC
fáilte mhór roimh PRACE*

Céad míle fáilte romhat go Baile Átha Cliath

Welcome

*Ladies and gentlemen,
Friends,*

*The University of Galway and ICHEC
welcome PRACE*

A hundred thousand welcomes to Dublin

PRACEdays15

- The second largest gathering of HPC Experts in the EU?
 - 255 delegates from 26 countries
- Satellite events
 - PRACE Scientific Steering Committee, Industry Advisory Committee and User Forum
 - Enabling Exascale in Europe
 - Women in HPC network
 - European Exascale Software Initiative 2 (EESI2) final conference



The AVIVA Stadium



Rugby trivia

Q1 – Which nation won the 2014 and 2015 men's 6 nations tournament

AND

The 2015 women's 6 nations tournament?

IRELAND



Rugby trivia

Q2 – Which nation beat both England and France in last year's tournament?

IRELAND

beats France 18 - 11

beats England 19 - 9



Closing thoughts

1. Call for sustained global advocacy effort and solidarity

Computer modelling still struggling to be accepted as a mandatory and cost effective methodology in *some* countries

2. A lot done, a lot more to do

Uneven state of preparedness across the EU reflects past investments and historic factors

Significant impact of PRACE (and DECI) to rectify the above

A lot more needs to be done *together*



Closing thoughts

3. Excellence doesn't know borders

Excellence can be found in smaller countries

Budget, headcount, computer size are *not* indicators of excellence

4. History teaches us to be ambitious and optimistic... but also patient

Two historic events took place in Ireland this month: both took decades in the making



Thank you!

- A special thanks to the organising committee, and in particular
 - Emma Hogan (ICHEC)
 - Marjolein Oorsprong (PRACE aisbl)
 - Dietmar Erwin (FZJ)
- Scientific Steering Committee and Industrial Advisory Committee
- Conference Partners
- PRACE volunteers
 - NIIFI (HU), RISC (AT), ICHEC (IE), ULFME (SI) and IT4I (CZ)
 - Student volunteers