CARMA Official Opening (Oct 30 2009) and Workshop (Oct 31-Nov 1)

Introduction to CARMA

and

Technology Demonstration

Jon Borwein and CARMA

THE UNIVERSITY OF NEWCASTLE AUSTRALIA

FACULTY OF SCIENCE AND INFORMATION TECHNOLOGY

www.newcastle.edu.au

Science

9 October 2009 | $10

AAAS

A new method for reconstructing the three-dimensional architecture of the human genome, reveals a polymer analog of **Hilbert's curve** at the megabase scale.

CARMA

Computer-**A**ssisted **R**esearch **M**athematics and its **A**pplications

CARMA Official Opening **Schedule**

1. 1.00-2.30   **CARMA Demos (and Lunch)**
2. 2.30   **VC Prof Nick Saunders**
3. 2.40   **DVCR Prof Mike Calford**
4. 2.50   **CARMA Director Jon Borwein**

   Mandate and Members
   - **About CARMA**
   - **Member pages: e.g., David Allingham**

5. **Greetings from "around the world"**
6. 3.00-4.00   **Reception**
7. 4.00   **First Keynote speaker Tony Guttmann**

CARMA Official Opening: Technology Demonstrations
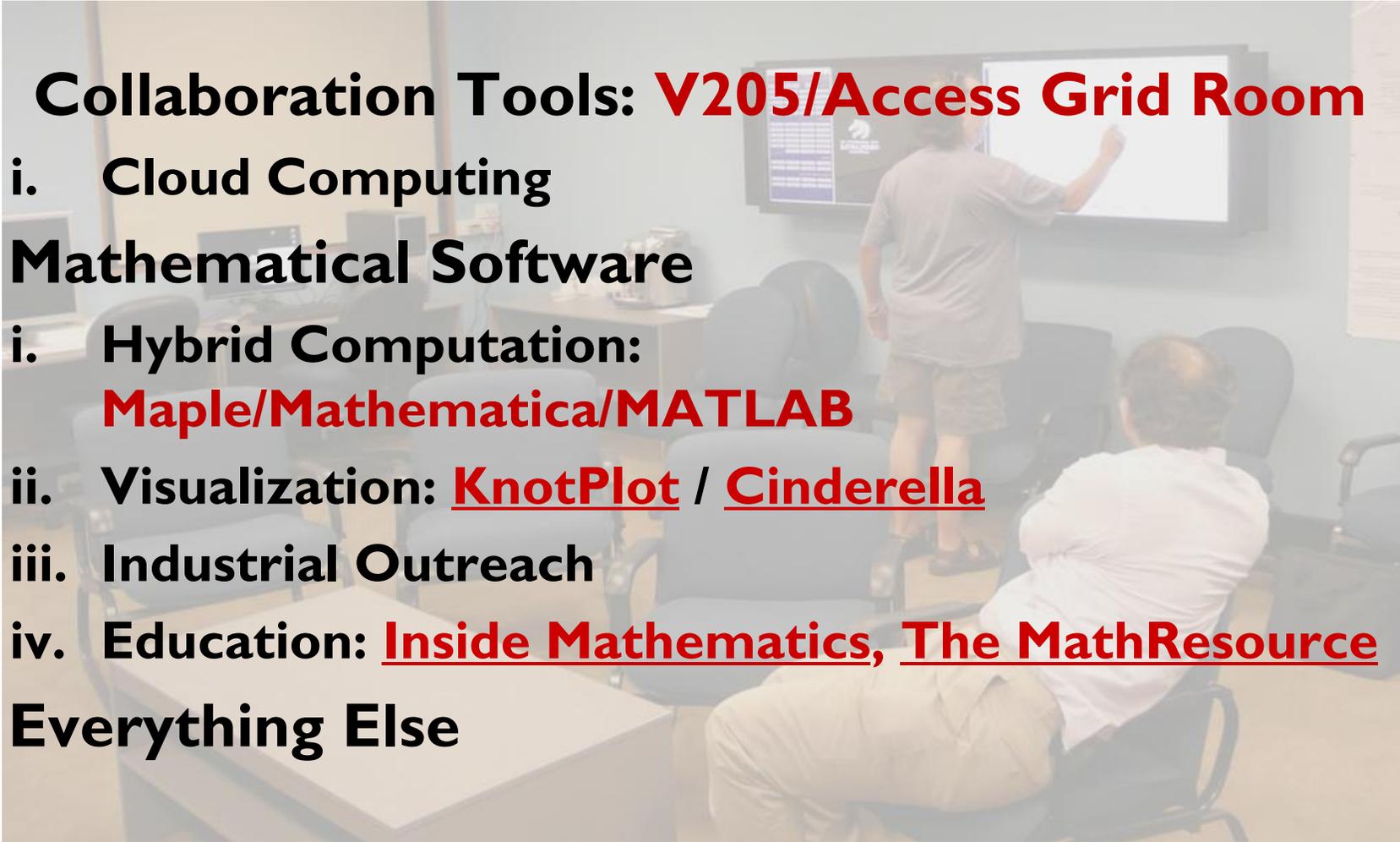
1. **Collaboration Tools: V205/Access Grid Room**
   i. **Cloud Computing**
2. **Mathematical Software**
   i. **Hybrid Computation: Maple/Mathematica/MATLAB**
   ii. **Visualization: KnotPlot / Cinderella**
   iii. **Industrial Outreach**
   iv. **Education: Inside Mathematics, The MathResource**
3. **Everything Else**

THE UNIVERSITY OF NEWCASTLE AUSTRALIA

CARMA Official Opening
Priority Research Centre for **C**omputer-**A**ssisted **R**esearch **M**athematics and its **A**pplications

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Cloud Computing

- **CARMA home page**

- **Jon's CARMA pages**

- **The On-Line Encyclopedia of Integer Sequences**

- **The Inverse Symbolic Calculator**

- **NIST Digital Library of Mathematical Functions**

Workshop schedule

V205 and V206

Friday 30 October 2009 – Official Opening

1.00pm	Lunch on arrival and viewing of rooms
2.30pm	Welcome by Vice Chancellor Prof Nick Saunders and DVCR Professor Mike Calford
3.00pm	Welcome Reception
4.00pm	Keynote Speaker - Tony Guttmann

Saturday 31 October 2009 – Functional Analysis

9.30am	Keynote Speaker - Warren Moors
10.30am	Morning Tea
11.00am	Jon Borwein
11.30am	Scott Sciffer
12.00pm	Brailey Sims
12.30pm	Lunch

Saturday 31 October 2009 – Analysis and Number Theory

1.30pm	Keynote Speaker - Richard Brent
2.30 pm	Jeff Hogan
3.00pm	Wadim Zudilin
3.30pm	Bishnu Lamichhane
4.00pm	Afternoon Tea
6.30pm	Dinner in honour of Professor John Giles with Dinner speaker Gerry Joseph

Sunday 1 November 2009 – Optimization and Operations Research

9.30am	Keynote Speaker – Andrew Eberhard
10.30am	Morning Tea
11.00am	Masoud Talebian
11.30am	Faram Engineer
12.00pm	Natashia Boland
12.30pm	Lunch

6.30   Chinois 326 King
(self hosting dinner)

A chance to meet ourselves

At **Boulevard on Beaumont**
(corner of Tudor)

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