



SUN COMPUTATIONAL BIOLOGY SIG (CB-SIG)

Heidelberg, 21 June 2005

Stefan Unger, PhD

Business Development Manager

Global Education & Research

Sun Microsystems

Sun CB-SIG Meeting – Heidelberg 21 June 2005

08:45 Kick off and Introductions, Stefan Unger, Sun

09:00 The Bioinformatics Hub at the Madrid Science Park, José María Carazo, Parque Científico de Madrid COE

9:30 Combining a Bioinformatics Grid with Bioinformatics Web Services, Andrei Turinsky, U.Calgary COE

10:00 Computer Assisted Modeling of Hormone-Receptor Complexes, John Kerrigan, UMDNJ

10:30 Break

11:00 Collaborative Design , Wataru Yamzaki, Tokyo University of Science COE

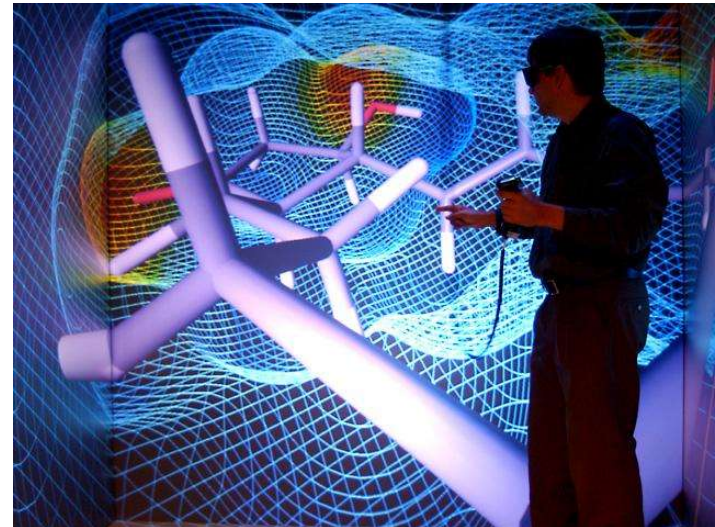
11:30 Simulation of Hysteroscopic Interventions, Matthias Harders, ETH COE

12:00 The International PhosphoProtein Consortium, Arun Holden, Leeds COE

12:30 Wrapup, Stefan Unger, Sun

Computational Biology* at Sun - >\$1B potential mkt

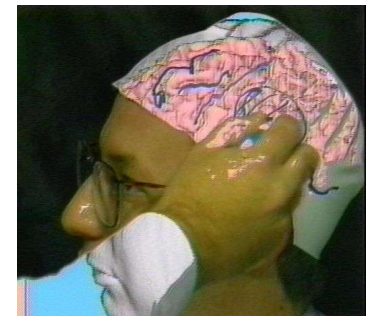
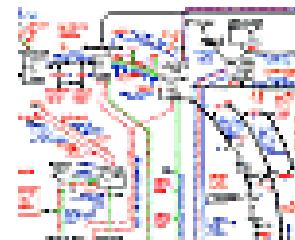
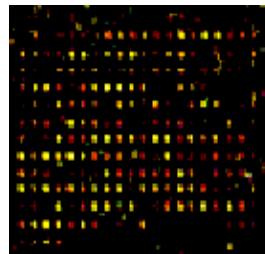
- Bioinformatics (BioX)
 - > Genomics
 - > Post-Genomics
- Macromolecular Structure
- Drug Discovery Technologies
- Bioengineering/Biosimulation
- Clinical Informatics
- Medical Imaging



*BTW: "CB"=EDU; "LIFESCI"=BIOPHARMA; "HEALTHCARE"=HOSPITALS

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Sequence 1  TCTAAAACAAACACAAAAAGGCGTTG
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Sequence 2  TTTAATAAAAATTTCAAAACACTTTTC
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Sequence 3  AGCTGTTTTTTTACTTTTCAGTCCATG
              | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Sequence 4  TGCATATTAATTACTTTTCAGTCAATG
              | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Sequence 5  GTTAATATAAATTTCAAAACACTTTTC
              | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  
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Sun's Vision in Computational Biology

- Hardware: #1 in UNIX (54% units)
 - > "Desktop to Teraflops"; "Gigabytes to Petabytes";
 - > Xeon, Opteron, Sparc; ; Solaris, Linux, Solaris x86/x64, Windows
- Software
 - > Sun Java Enterprise System; N1
- Services
 - > Consolidated services
- Partners
 - > Sun Does Not Compete in Applications! Take NO IP!
- Programs
 - > Building and Supporting a Community

“ROI!”



SunRay



SunBlade



V210, V20z, V40z



SF V240, E6900



SF25K

Programs

- Build Community
 - > Sun HPC Consortium
 - > Computational Biology Special Interest Group
 - > Sun Centers of Excellence
 - > Sun Lecturers/Chairs
 - > Other Projects
 - > Discover Life (server)

Global COE in Computational Biology

NA/EMEA - Active

US 5

CANADA 3

EMEA 5

Global COE in Computational Biology

APAC - Active

APAC 7

Why Sun for Computational Biology?

PLEASE VISIT

www.sun.com/edu/commofinterest/compbio

SUN CB-SIG

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