

Computer-Assisted Mathematics & Advanced Collaboration

August 9, 2002 Room 1100, East Academic Annex, SFU

CECM, CoLab, PIMS and MITACS are pleased to present *CECM 2002: Computer-Assisted Mathematics and Advanced Collaboration*, a summer conference hosted by CECM at Simon Fraser University.

CECM 2002 is a one day joint Workshop at SFU-PIMS on Friday, August 9, 2002. It is one in a series of informal summer meetings. The sessions will cover diverse topics in *Computer-Assisted Mathematics*.

There is no registration fee. However, participants do need to register.

Morning Session

09:30-10:15
Jon Borwein CECM/CoLab, Simon Fraser University
The Experimental Mathematician

10:15-11:00
Steve DiPaola and Julie Tolmie CoLab, Simon Fraser University-Surrey
Collaborations in 3D Virtual Environments

11:00-11:15
Coffee Break

11:15-12:00
Edgardo Cheb-Terrab CECM, Simon Fraser University
Special Functions and Maple

12:00-12:30
Mike Monagan CECM, Simon Fraser University
A Modular GCD Algorithm over Number Fields Presented with Multiple Extensions

12:30-14:00
Free time for lunch on campus.

Afternoon Session

14:00-14:45
Ulli Kortenkamp TU Berlin
Visual Construction of Interactive Learning Environments for Geometry

14:45-15:30
Rob Scharein CoLab, Simon Fraser University and NewMIC
Tying Tools for Topology

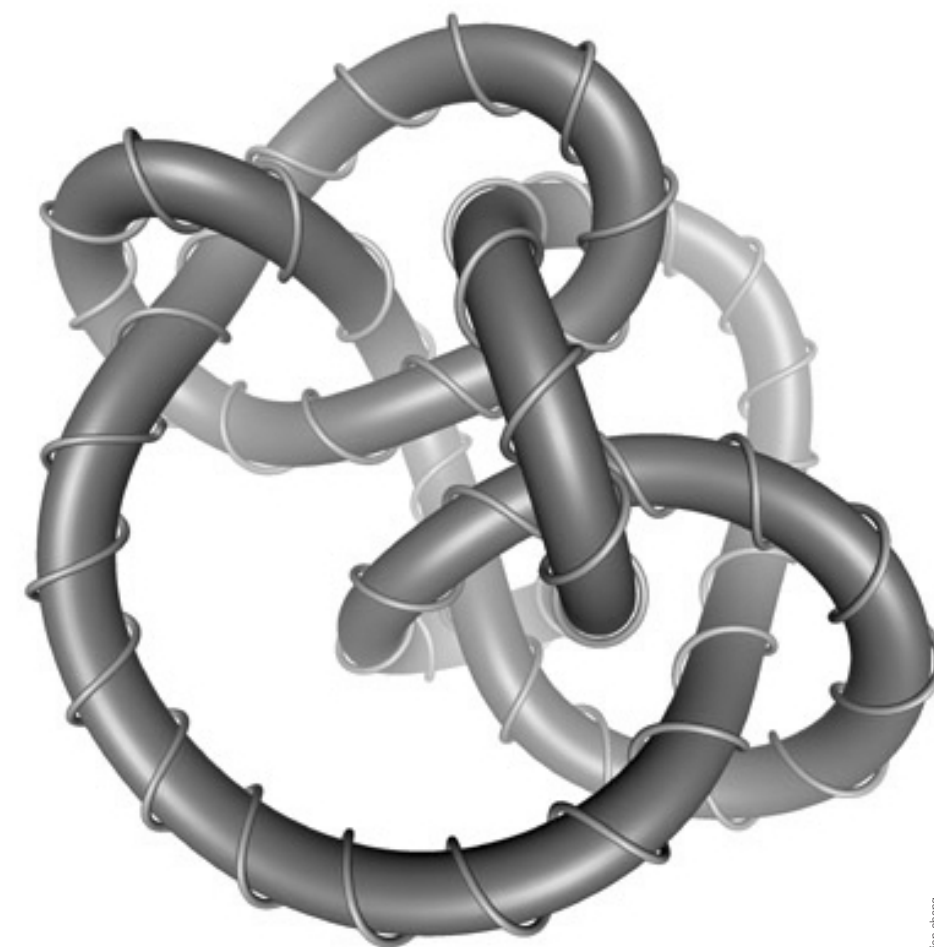
15:30-15:45
Coffee Break

15:45-16:15
Adrian Lewis CECM, Simon Fraser University
Visualizing Eigenvalues under Perturbation

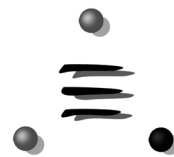
16:15-17:00
Brian Corrie NewMIC
NewMIC and its Advanced Collaborative Environments Project

18:00
(Self-hosting) Conference Dinner

Address: 7324 Braeside Drive, Burnaby. 604.294.6577.



Sponsorship from The Mathematics of Information Technology and Complex Systems (MITACS) and Centre for Experimental and Constructive Mathematics (CECM) is gratefully acknowledged.



register at

www.cecm.sfu.ca/events