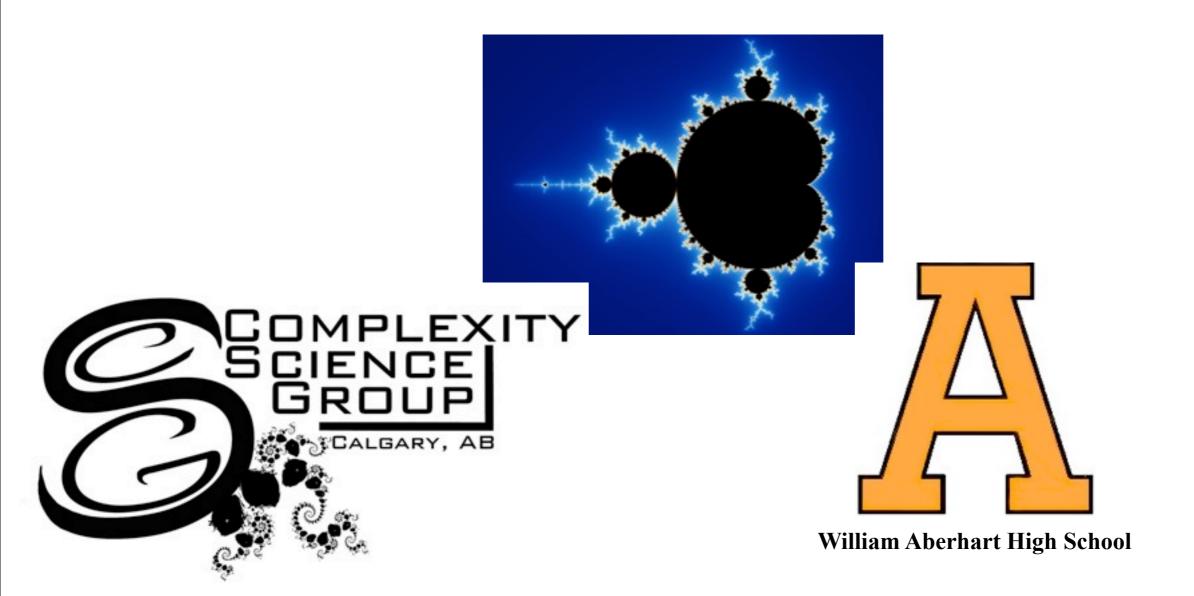
Project EXCEL: EXploring Complexity, Emergence, and nonLinearity



• Hands-on opportunity to explore complexity science

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- Experiments and activities

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- •Learn new science and math
- Improve your coding skills
- •Increase your chances for competitive international scholarships and placements
- •Win prizes and have fun!

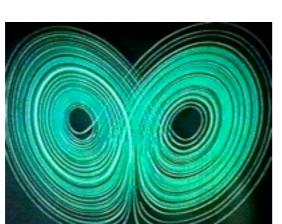
WE WANT YOU!



• Information and Computation



• Information and Computation

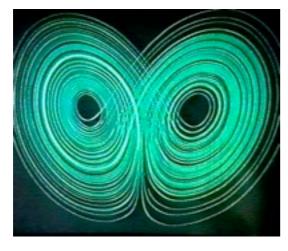




•Nonlinearity and Chaos

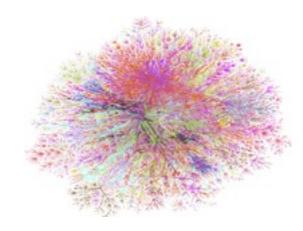
• Information and Computation





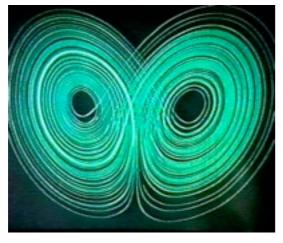
• Nonlinearity and Chaos

•Networks and Their Analysis



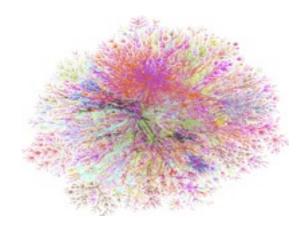
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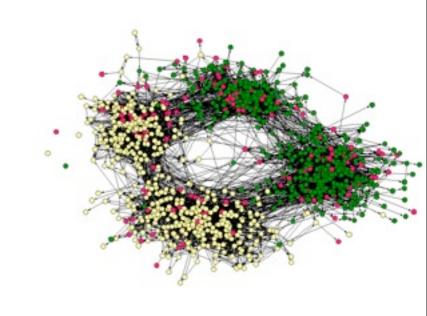
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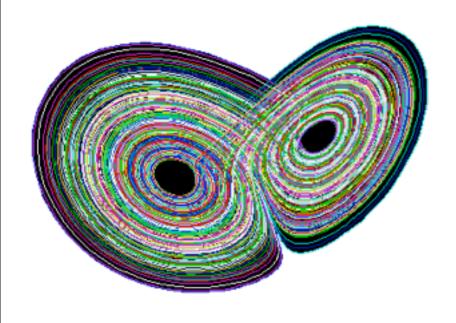
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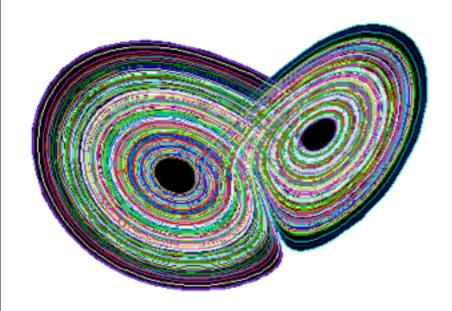


• Emergent Behaviour and Fractals



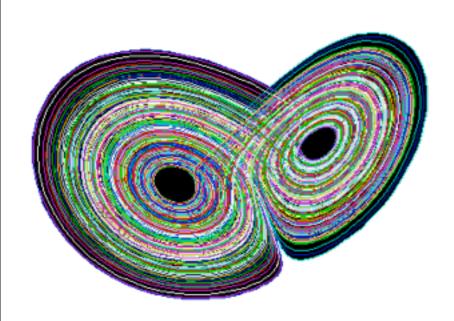


•Wednesdays, 3:30-6:00 until the end of April



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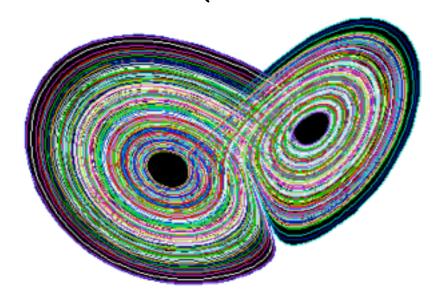
•Next two meetings will introduce you to main ideas of complexity science



•Wednesdays, 3:30-6:00 until the end of April



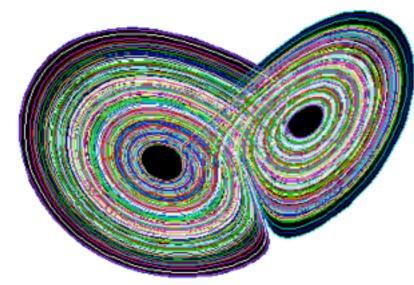
•Week three you will choose your projects
(check out: http://www.ucalgary.ca/complexity/outreach)



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• Sign up with Mr. Lam

Some opportunities in Complexity Science



International Summer School for Young Physicists



DUKE UNIVERSITY
TALENT IDENTIFICATION PROGRAM

Institute of Advanced Mathematics: Dynamical Systems and Chaos Theory



TRIUMF High School Fellowship and Summer Research Experience

For more information...

Visit our website:

http://www.ucalgary.ca/complexity/outreach

Or...

Contact Claire Christensen:

christensen44@gmail.com