

# The UMaine Computer Science Department Welcomes Greg Chaitin!

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# Lecture: Mathematics, Biology and Metabiology

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- **G. J. Chaitin, *IBM Research (Emeritus)*,**
- ***Honorary PhD, University of Maine***
- **Monday, October 5, 2009, 2:10 PM Room 120 Neville Hall**
- **Abstract**
  - *It would be nice to have a mathematical understanding of basic biological concepts and to be able to prove that life must evolve in very general circumstances. At present we are far from being able to do this. This talk will discuss some partial steps in this direction plus outline a possible future line of attack.*

# Brief Bio

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- Greg Chaitin is one of the inventors of Algorithmic Information Theory
- He is the discoverer of the number  $\Omega$ , which contains information about all programs
- He is the author of many books, both technical and non-technical
- He has lectured around the world
- For more information go to:  
<http://www.umcs.maine.edu/~chaitin/>