MIT DEPARTMENT OF MATHEMATICS

SIMONS LECTURES IN MATHEMATICS

2009

Étienne Ghys

CNRS-École Normale Supérieure de Lyon

April 29 • 30 • May 1

4:30–5:30pm

Receptions at 4pm
First in room 34-101
Second and third in room 2-290

Dynamics in dimension 3

Lecture 1 Room 34-101
Asymptotic invariants for flows

Lecture 2 Room 4-370
Right-handed vector fields

Lecture 3 Room 4-370
The Rademacher function

Robert Schapire

Princeton University

May 4 • 5 • 6

4:30–5:30pm

Receptions at 4pm in room 2-290

The boosting approach to machine learning: foundations, perspectives, applications

Lecture 1 Room 3-270
The AdaBoost algorithm and its analysis

Lecture 2 Room 3-270
Boosting and how to play repeated games

Lecture 3 Room 3-270
Boosting, optimization and maximum entropy

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