IAN HYLA JERMYN

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EDUCATION

9/93–7/00 — New York University — New York, U.S.A.
Ph.D. in Computer Science (Advisor: Professor Davi Geiger)
- Thesis title: "On the Use of Functionals on Boundaries in Hierarchical Models of Object Recognition."

10/92–6/93 — Imperial College, London University — London, U.K.
First year of B.Sc. in Computer Science

10/87–9/91 — University of Manchester — Manchester, U.K.
Ph.D. in Theoretical Physics (Advisor: Professor Stuart Dowker)
- Thesis title: "Self-consistent Kaluza-Klein solutions of the semi-classical Einstein equations at finite temperature."

10/83–6/86 — Oxford University — Oxford, U.K.
B.A. (Hons.) in Physics, First Class
- Worcester College Scholarship; Graduation Prize for performance in Degree Examinations.

RESEARCH POSITIONS

9/01–Present — INRIA — Sophia Antipolis, France
Permanent Research Scientist (CR1), Project Ariana

8/00–8/01 — INRIA — Sophia Antipolis, France
Postdoctoral Research Scientist, Project Ariana
- Research and Coordination for European Project MOUMIR ('Models of Unified Multimedia Information Retrieval').

6/99–8/99 — NEC Research Institute — Princeton, U.S.A.
Researcher
- Research: the consistency of silhouettes. The work was conducted with David Jacobs.

8/97 — NEC Research Institute — Princeton, U.S.A.
Researcher
- Research: using high-level object shape models to influence low-level perceptual grouping. The work was conducted with David Jacobs.

9/93–5/94, 1/97–7/00 — New York University — New York, U.S.A.
Research Assistant
- Research: doctoral work.

6/94–5/96 International Centre for Theoretical Physics Trieste, Italy.

Postdoctoral Fellow

- Research: topological quantum field theories on three manifolds.
- Supported by European Community Human Capital and Mobility Fellowship.

10/91–9/92 International Centre for Theoretical Physics Trieste, Italy.

Postdoctoral Fellow

- Research: applications of non-commutative geometry to particle physics.
- Supported by Royal Society Research Fellowship.

TEACHING

11/01 ESINSA Sophia Antipolis, France

Course Instructor

- "Markov random fields in computer vision". Six hours, taught in French.

9/96–12/96 New York University New York, U.S.A.

Adjunct Professor

- Planned and taught undergraduate course "Computers in Principle and Practice". Responsible for all aspects of course: setting homework and examinations, office hours, lectures, and grading.

9/93–5/94, 1/97–7/00 New York University New York, U.S.A.

Teaching Assistant

- For graduate course "Fundamental Algorithms".
- For undergraduate courses "Applied Internet Technology"; "Introduction to Computer Science I"; "Introduction to Computer Science II".

AWARDS

- Best Paper and Best Student Paper Awards for "The Design and Analysis of Graphical Passwords," Ian H. Jermyn, Alain Mayer, Fabian Monrose, Michael K. Reiter and Aviel D. Rubin. *Proceedings of the 8th USENIX Security Symposium*, Washington DC, 1999.
- European Union Human Capital and Mobility Fellowship, International Centre for Theoretical Physics, Trieste, Italy, 6/94–6/96.
- Royal Society Research Fellowship, International Centre for Theoretical Physics, Trieste, Italy, 10/91–10/92.

LANGUAGES

- English, French, Italian.