



## Yuri Manin

Élu Associé étranger le 21 juin 2005 dans la section de Mathématique

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Professeur émérite à l'Institut Max-Planck de Bonn, Allemagne

Yuri Manin, né en 1937 en URSS, Professeur à la Northwestern University d'Evanston aux États-Unis, a commencé ses recherches en géométrie algébrique et en arithmétique avec, parmi ses nombreux résultats, la preuve de l'analogie fonctionnel de la conjecture de Mordell. Au milieu des années 70, il s'est tourné vers la physique mathématique et a joué un rôle central dans le dialogue entre les mathématiciens et les physiciens théoriciens. C'est aussi à lui qu'est due la première idée d'un ordinateur quantique. Yuri Manin, homme d'une très vaste culture, est un visionnaire dont l'oeuvre a influencé le développement d'une grande partie des mathématiques des quarante dernières années.

*Yuri Manin is now Professor at Northwestern University, Evanston (USA). He first worked in algebraic geometry and number theory. Among many results, he gave a proof of the functional analogue of Mordell's conjecture. In the mid seventies he started working in mathematical physics and played a central role in the dialog between mathematicians and theoretical physicists. He also came out with the first idea of a quantum computer. Yuri Manin has a very wide culture. He is a man of vision whose work had an influence on a large part of mathematics during the past forty years.*

### Curriculum vitae

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| 1960         | Ph.D. Steklov Mathematical Institut, Moscow   |
| 1960-present | Principal Researcher, Steklov Mathematical Institut, Moscow                                     |
| 1965-1992    | Professor, Department of Algebra, Moscow University   |
| 1992-1993    | Professor, Department of Mathematics, Massachusetts Institute of Technology, Boston (USA)       |
| 1993-2005    | Co-Director, Max-Planck-Institut für Mathematik, Bonn (Germany)                                 |
| 2002-present | Board of Trustees Professor, Department of Mathematics, Northwestern University, Evanston (USA) |
| 2005-present | Professor emeritus, Max-Planck-Institut für Mathematik, Bonn                                    |

### Membership

- 1990 Corresponding Member of the Academy of Sciences of Russia
- 1990 Foreign Member of the Koninklijke Nederlandse Akademie van Wetenschappen
- 1993 Member of the Academia Europaea
- 1996 Member of the Académie Pontificale des Sciences
- 1999 Docteur Honoris Causa de la Sorbonne, Paris

2000 Member of the Deutsche Akademie der Naturforscher Leopoldina

2004 Fellow of the American Academy of Arts and Sciences

### **Awards**

1963 Moscow Mathematical Society Award

1967 Highest USSR National Prize Lenin

1987 Brouwer Gold Medal, Royal Netherlands Society

1994 Frederic Esser Nemmers Prize for Mathematics, Northwestern University (USA)

1999 Rolf Schock Prize for Mathematics, Royal Swedish Academy of Sciences

2002 King Faisal International Prize for Science (Saudi Arabia)

2002 George Cantor Medal, German Mathematical Society

Le 27 novembre 2006