



United Nations
Educational, Scientific and
Cultural Organization



Permanent
Delegation of India
to UNESCO

The Permanent Delegation of India to UNESCO
is pleased to welcome you to an

International Conference on the **Zer0**

4-5 April, 2016

Aryabhata

Organized with the support
of the Ministry of Human Resource Development
Government of India



International Conference on the *Zer0*

programme
4-5 April 2016

4 April 2016

4 p.m. (Pierre and Marie Curie University) : **SESSION 1: Opening**

Gems of Ramanujan and their Lasting Impact on Mathematics

By Prof. Manjul Bhargava, Fields Medalist, Professor of Mathematics, Princeton University (United States)

5 April 2016

10 a.m.-11 a.m. (Séгур Hall): **SESSION 2**

Indian Mathematics: Negative Numbers, Zero, Infinity and Beyond

A session by Prof. Shailendra Mehta from Auro University, Gurajat (India), on the link between mathematics, its contribution towards development of other disciplines and the use of negative numbers.

10 a.m.-11 a.m. (Room III): **SESSION 3**

Zero: Infinity and Set Theory

An interactive session by Mr Romain Attal, médiateur scientifique de mathématique, Palais de la découverte in Paris

11.15 a.m.: Tea/coffee break





11.45 a.m.-1 p.m. (Ségur Hall): **SESSION 4**

Panel discussion on the Arabic traditions in Mathematics

- Dr Marc Moyon, Lecturer at the University of Limoges (France)
- Prof. Mahdi Abdeljaouad, University of Tunis (Tunisia)
- Prof. Ahmed Djebbar, Professor Emeritus at the University of Lille (France)

Moderator: Mr Vincent Defourny, Director of the Division of Public Information, UNESCO.

2.15 p.m.-3 15 p.m. (Room IV): **SESSION 5**

Mathematics in Indian Music

A special session by Prof. Manjul Bhargava, Professor of Mathematics, Princeton University (United States).

3.30 p.m: Tea/ Coffee break

4 p.m.-5 p.m. (Room IV): **SESSION 6**

High-Level Segment: Closing

Welcome remarks by H. E. Ms Ruchira Kamboj, Ambassador, Permanent Delegate of India to UNESCO

Adresses by:

- Ms Irina Bokova, Director-General of UNESCO
- Ms Smriti Zubin Irani, Minister of Human Resource Development, Government of India
- Prof. Laurent Lafforgue, Professor at the Institut des Hautes Etudes Scientifiques (France) and Fields Medalist in Mathematics
- Prof. Manjul Bhargava of Princeton University and Fields Medalist in Mathematics

On this occasion, the bust of the Indian mathematician-astronomer Aryabhata (476-550 CE) will be unveiled and donated to UNESCO by the Government of India.



All sessions will be held at UNESCO Headquarters, except for SESSION 1 (Opening) which will take place at Pierre and Marie Curie University

UNESCO Headquarters
7, place de Fontenoy
Paris 7^e

Pierre and Marie Curie University
The Amphitheatre
4, place Jussieu
Paris 5^e



Please confirm your attendance to the different sessions:
te.fabrizi.in@unesco-delegations.org

This invitation card will be requested at the entrance