



11th All India Students' Conference on
Science and Spiritual Quest

6 - 7 October 2018, IIT Bhubaneswar

Conference Schedule

Day 1

Saturday, 6 October 2018

0900 – 1015: Inaugural Session

1015 – 1045: Break

1045 – 1400: SESSION 1 — WHAT IS MATHEMATICS?

1045 – 1055: Introduction of Speakers by Session Chair / Co-Chair

1055 – 1130: **Mathematics and Reality – A Short Introduction**

Shri Varun Agarwal

Director, Bhaktivedanta Institute, Kolkata

1130 – 1210: **Convergence in the Philosophy of Mathematics**

Dr. Edward N. Zalta

Senior Research Scholar, Stanford University

1210 – 1225: Cultural Program

1225 – 1305 : **Meta Mathematics: Intuitionism and Formalism in Mathematics**

Prof. Bhu Dev Sharma

(Formerly) Department of Mathematical Sciences, Clark Atlanta University, USA

1305 – 1345: **Mathematics and Ultimate Reality in**

Dutch Intuitionism and Marburg NeoKantianism

Prof. Luc Bergmans

Sorbonne Université, Paris, France

1345 – 1355: Q&A cum interactions with the above speakers and remarks by Session Chair

1355 – 1400: **Group photo**

1400 – 1445: Lunch

1445 – 1600: SESSION 2— QUICK THOUGHTS ON MATHEMATICS AND REALITY

- 1445 – 1455: Introduction of Speakers by Session Chair / Co-Chair
- 1455 – 1505: **Gödel, Self-reference & Self-realization: Ontological Argument for Soul**
Shri Sushant Sharma,
Alumnus, IIT Guwahati
- 1505 – 1515: **Computational Modelling of Chemical Origin of Life**
Shri Pawan Kumar & Shri Sai Phani,
IIT Kharagpur
- 1515 – 1525: **Sankhya & Holistic Ayurveda**
Smt. Shanti Mandal, *Adjunct Scientist, Bhaktivedanta Institute*
Smt. Munmun Ghosh, *Research Scholar, Vidyasagar University*
- 1525 – 1535: **Cantor's Infinity**
Shri Deepankar Sarmah
IISER Kolkata
- 1535 – 1545: **Pascal's Wager**
Shri Roshan Tiwari
IISER Kolkata
- 1545 – 1555: **Mathematics and Poetry**
Dr. Ramjee Repaka
Indian Institute of Technology Ropar
- 1555 – 1600: Q&A cum interactions with the above speakers and remarks by Session Chair

1600 – 1905: SESSION 3 — MATHEMATICS, LIFE AND NATURE

- 1600 – 1610: Introduction of Speakers by Session Chair / Co-Chair
- 1610 – 1650: **Science Facing the Spiritual Traditions**
Prof. Pier Luigi Luisi
Professor Emeritus ETH- Zurich
- 1650 – 1705: **Refreshment**
- 1705 – 1735: **Axiomatizing Consciousness – Setting and Postulates**
Prof. Henk Barendregt (Video Lecture)
Radboud University, Nijmegen, The Netherlands
- 1735 – 1815: **In Search of Topdown Mathematical Laws**
Prof. Sudipto Ghosh
Metallurgical & Materials Engg., IIT Kharagpur
- 1815 – 1855: **Fred Hoyle's Mathematical Theory of Natural Selection**
Dr. Debashis Khan
Dept of Mechanical Engg., IIT (BHU) Varanasi
- 1855 – 1905: Q&A cum interactions with the above speakers and remarks by Session Chair
- 1915 – 2015: Cultural Program**
- 2015 – 2130: Dinner**

Day 2
Sunday, 7 October 2018

0900 – 1200: SESSION 4 — MATHEMATICS, COMPUTATION AND DIVINITY

0900 – 0910: Introduction of Speakers by Session Chair / Co-Chair

0910 – 0950: **Can Computers help to sharpen our understanding of ontological arguments?**

Dr. Christoph Benzmueller

University of Luxembourg

0950 1030: **Mathematician L. E. J. Brouwer's philosophical views and the Bhagavad Gita**

Dr. Teun Koetsier

VU-University, Amsterdam

1030 – 1110: **Space and Logic in the domain of Spirituality**

Prof. Sandeep Kumar

Dept of Mechanical Engg., IIT (BHU) Varanasi

1110 – 1150: **Dr. T. D. Singh's Equation of Life: A Computer Simulation Model of Consciousness**

Shri K. Vasudeva Rao

President, Bhaktivedanta Institute, Kolkata

1150 – 1200: Q&A cum interactions with the above speakers and remarks by Session Chair

1200 – 1215: **Break**

1215 – 1230: Cultural Program

**1230 – 1530: SESSION 5 — INFINITY, ONE AND ZERO: PERSPECTIVES FROM
MATHEMATICS, PHILOSOPHY AND SPIRITUALITY**

1230 – 1235: Introduction of Speakers by Session Chair / Co-Chair

1235 – 1315: **Infinity: Philosophical, Theological, Mathematical, Scientific,
Computational & Cultural Aspects**

Prof. Manohar Lal

Formerly School of Computer & Information Sciences, IGNOU, New Delhi

1315 – 1355: **Mathematics – the Language of Divinity**

Prof. P. B. Sharma

Vice Chancellor, Amity University Gurgaon; President, Association of Indian Universities, AIU

1355 – 1400: Q&A cum interactions with the above speakers and remarks by Session Chair

1400 – 1445: Lunch

1445 – 1525: **Reality – Explorations from Scientific, Mathematical, Philosophical
and Vedantic Research Methodologies and their Synthesis**

Prof. Ramgopal Uppaluri

Dept of Chemical Engg., IIT Guwahati

1525 – 1530: Q&A cum interactions with the above speakers and remarks by Session Chair

1530 – 1745: SESSION 6 — MATHEMATICS, ARTS AND ANCIENT WISDOM

1530 – 1535: Introduction of Speakers by Session Chair / Co-Chair

1535 – 1615: **Temperament in Western and Indian Classical Music**

Ms. Jordan Bergmans

Royal Academy of Music, London

1615 – 1655: **Modern Mathematics in Ancient India: Sixteen samples from Sanskrit Sources**

Prof. V. Kannan

SRM University AP, Amaravati

1655 – 1735: **On Some Remarkable Contributions of Bhaskaracharya**

Dr. Bhagwati Prasad Chamola

Dept of Mathematics, Jaypee Institute of Information Technology

1735 – 1745: Q&A cum interactions with the above speakers and remarks by Session Chair

1745 – 1800: **Refreshments**

1800 – 1900: **Workshop on Holistic Living and Practical Spirituality for Students**

1800 – 1815: **Time Management**

Sri Prabhakar Ballapalle, *President, Bhaktivedanta Institute, Bangalore*

1815 – 1830: **Daily Yoga for Healthy Living**

Sri Uday Bagh, *Yoga Practitioner*

1830 – 1845: **Spiritual Techniques for Peaceful & Happy Life**

Sri K. Vasudeva Rao, *President, Bhaktivedanta Institute, Kolkata*

1845 – 1900: **Creative Thinking for Research**

Prof. Sudipto Ghosh, *IIT Kharagpur*

1900 – 1920: VALEDICTORY SESSION

1920 – 2010: **Cultural Program**

2010 – 2100: **Dinner**

NOTE: Buses will leave to respective accommodation venues at 9:00 pm

