

Academic Programs
Conference cum Workshop on History, Science and Technology of Ancient Indian Glass
21st-25th January 2019
IIT Gandhinagar, Academic Block 1/201

21st January 2019

Bus leaves the hotel/guest house: 9 am

9:15-10:00 am: **Registration**

10:00-10:10 am: Welcome and Introduction to the Conference
Alok Kumar Kanungo, Convener

10:10-10:15 am: Lighting of the Lamp

10:15-10:25 am: Welcome Address
Michel Danino, ASC Coordinator

10:25-10:35 am: Remarks
S.P. Mehrotra, Dean, External Affairs

10:35-10:50 am: Inaugural Address
Sudhir K. Jain, Director

10:50-11:00 am: Inauguration of Poster Exhibition on activities of Archaeological Sciences Centre
Amit Prashant, Dean - Research & Development

11:00–11:20 am: **Refreshments**

Key Note Address

11:20-12:15 pm: The Origin of Glass: The First Glass Industries in Egypt and Mesopotamia
Thilo Rehren, STARC, The Cyprus Institute, Cyprus

Glass in General

Chairperson: Thilo Rehren

12:15-1:00 pm: Elemental Compositions and Glass Recipes
Laure Dussubieux, Field Museum, USA

1:00–2:00 pm: **Lunch Break**

2:00-2:45 pm: The Isotopic Analysis of Ancient Glass
Thomas R. Fenn, University of Oklahoma, USA

2:45-3:30 pm: Glass in the Middle-East & Western Europe at the end of the first millennium
CE, Transition from Natron to Plant Ash Soda or Forest Glasses
Bernard Gratuze, French National Center for Scientific Research, France

3:30–4:00 pm: **Tea Break**

4:00-4:45 pm: The Conservation of Glass
Stephen Koob, The Corning Museum of Glass, USA

4:45–5:30 pm: Typology of Glass Beads: Techniques, Shapes, Colours, and Dimensions
Joanna Then-Obłuska, Centre of Mediterranean Archaeology
University of Warsaw, Poland

5:30 pm: **Tea & Inauguration of Glass Craft Activities**
D.P. Roy, Dean - General Administration

7:30 pm: **Dinner**

Bus Departs for respective destinations: 9 pm

22nd January 2019

Bus leaves the hotel/guest house: 9.15 am

Protoglass and Faience (Chairperson: Bernard Gratuze)

10:00-10:45 am: Glazed Steatite and Faience Technology at Harappa, Pakistan (3300-1900 BCE): Technological and Experimental studies of Production and Variation
Jonathan Mark Kenoyer, University of Wisconsin-Madison, USA

10:45-11:30 am: An Archaeometric Perspective on the Technology and Raw Materials of Faience Production in Harappa and Mohenjo-Daro (Indus Valley, Pakistan)
Ivana Angelini, Cinzia Bettineschi, Massimo Vidale and Gilberto Artioli, University of Padova, Italy

11:30 am-12:00: **Tea Break**

12:00-12:45 pm: Pre Iron Age Glass in India
Bhuvan Vikrama, Archaeological Survey of India

Glass in South Asia, Part I: Ethnography & Literature (Chairperson: Mark Kenoyer)

12:45-1:30 pm: Glass in Ancient Indian Texts vis-à-vis Archaeology
Alok Kanungo, IIT Gandhinagar

1:30-2:30 pm: **Lunch Break**

2:30-3:15 pm: Glass Beads and Glass Ornaments of Tamil Nadu, South India: A Study Based on Archaeological and Textual Sources
V. Selvakumar, Tamil University

3:15-4.00 pm: The Technology behind the Traditional Production of Mirrors
Jan Kock, Aarhus University & Torben Sode, Glass Bead Trading, Denmark

4:00-4:45 pm: The use of Traditionally Made Mirrors in India in Buildings, Clothing and Daily Life
Jan Kock, Aarhus University & Torben Sode, Glass Bead Trading, Denmark

4:45 pm: **Tea and Exhibition of Glass Activity**

7:30 pm: **Dinner**

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23rd January 2019

Bus leaves the hotel/guest house: 9 am

10:00-10:45 am: Glass Crafts in Northern India
Alok Kanungo, IIT Gandhinagar

Glass in South Asia, Part II: Glass in Different Parts of South Asia (Chairperson: V. Selvakumar)

10:45-11:30 am: A Review of the Glass Bead Types from the 2007-2009 Seasons of Excavation at Pattanam, India
Shinu Abraham, St. Lawrence University, USA

11:30 am-12:00: **Tea Break**

12:00-12:45 pm: Glass Beads in Eastern India
Sharmi Chakraborty
Centre for Archaeological Studies and Training, Eastern India

12:45-1:30 pm: Glass bangles in Medieval India: Revisiting Typological Variation, Technological Change and Cultural Significance of a Key Artifact Type
Mudit Trivedi, University of Chicago, USA

1:30-2:30 pm: **Lunch Break**

2:30-3:15 pm: West Asian Glass in Early Medieval India as seen at the excavations of Sanjan Kurush F. Dalal and Rhea Mitra-Dalal, Mumbai University

3:15-4:00 pm: A First Look to the Development of Glass and Glassy Materials Industries in the Sequence of the Early Historic Site of Barikot (Swat, Khyber Pakhtunkhwa, Pakistan)
Cinzia Bettineschi, Ivana Angelini, Massimo Vidale, University of Padova, Italy; and Luca Maria Olivieri, ISMEO, Roma

4:00-4:45 pm: Glass in Ancient Sri Lanka: Production & Use of Glass, Glass Beads & Bangles
Wijerathne Bohingamuwa, University of Ruhuna Matara, Sri Lanka

4:45 pm: **Tea and Exhibition of Glass and Faience Activities**

7:30 pm: **Dinner**

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24th January 2019

Bus leaves the hotel/guest house: 9 am

**Glass in South Asia, Part III: Circulation of South Asian Glass beyond South Asia
(Chairperson: Massimo Vidale)**

10:00-10:45 am: Indian Glass Beads in Western and North Europe in Early Middle Age
Bernard Gratuze, French National Center for Scientific Research, France

10:45-11:30 am: Indian Glass Beads of Eastern and Southern Africa
Thomas R. Fenn, University of Oklahoma, USA

11:30 am-12:00: **Tea Break**

12:00-12:45 pm: Glass in Southeast Asia
Laure Dussubieux, Field Museum, USA

12:45-1:30 pm: Interrelations in Glass & Glazing Technologies in Mughal Architectural Tiles
Maninder S. Gill, Art Conservation Solutions

1:30-2:30 pm: **Lunch Break**

2:30-3:15 pm: Glimpses of Ancient Trade between India and Kenya as Revealed from
Analysis of Glass
Viswas D. Gogte, Deccan College Post-Graduate & Research Institute;
Chapurukha Kusimba, American University, Rahul C. Oka, University of
Notre Dame, and Laure Dussubieux, USA

3:15-3:45 pm: A Review of the Glass Trade along the Maritime Silk Route (500 BCE – 500
CE)
Sunil Gupta, Allahabad Museum

3:45-4:15 pm: Indian Glass Beads in Northeast Africa between the 1st and 6th centuries CE
Joanna Then-Obłuska, Centre of Mediterranean Archaeology,
University of Warsaw, Poland

4:15-4:30 pm: **Tea and Snacks**

4:30-5:30 pm: **Valedictory Function**

5:30 pm: **Glass and Faience Activities**

7:30 pm: **Farwell Dinner**

Bus Departs for respective destinations: 9 pm

25th January 2019

8:00-11.55 am: Field Trip to Kapadvanj, Guided by Vasim Basir Sisgar

12:05-6:00 pm: Field Trip to Vadnagar and Taranga, Guided by Drs. Y.S. Rawat & A. Ambekar