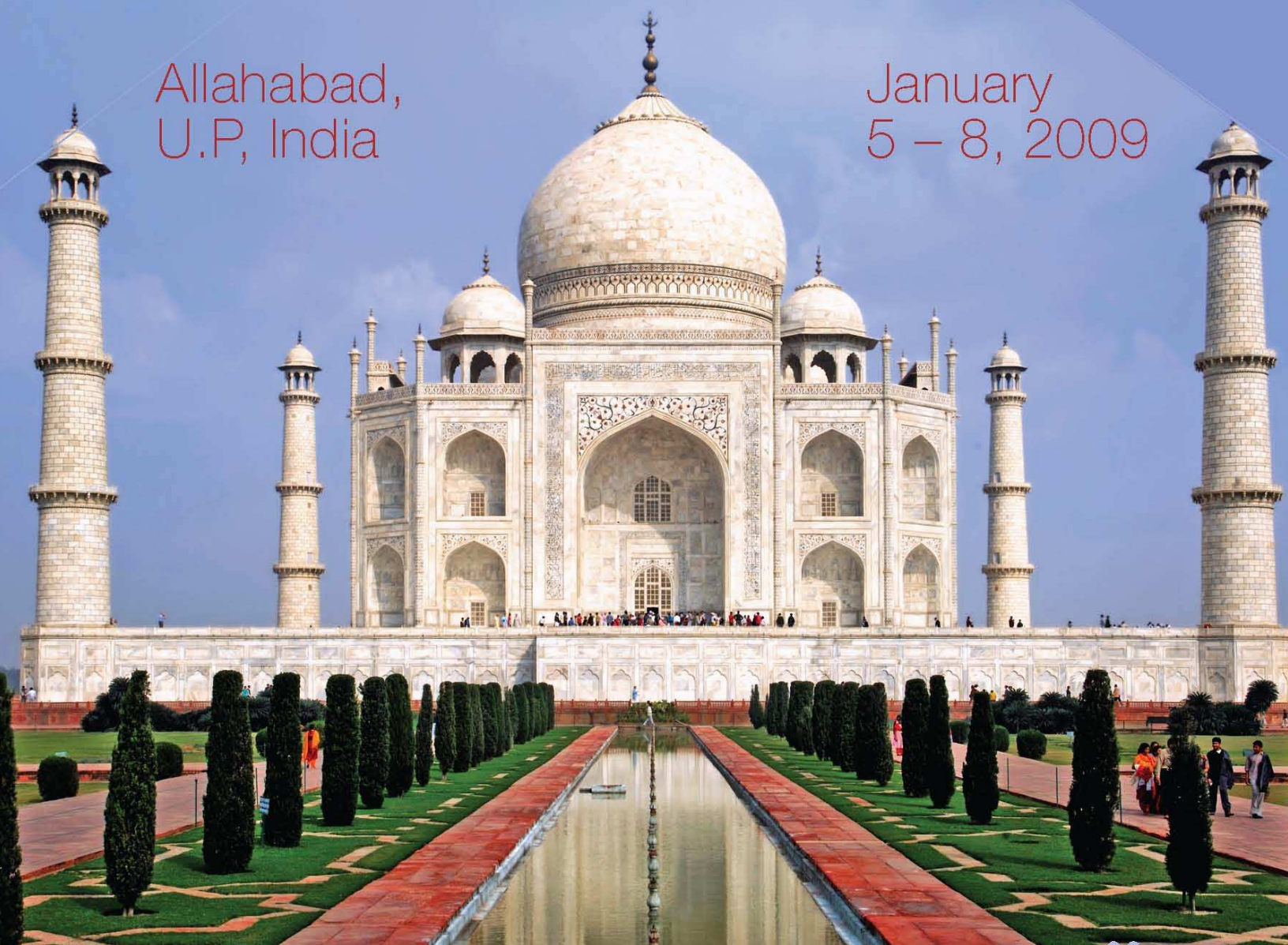


# Transport and Optical Properties of Nanomaterials

Allahabad,  
U.P, India

January  
5 – 8, 2009



SCIENTIFIC PROGRAM  
AND ABSTRACTS

# ICTOPON2009

**International Conference on  
Transport and Optical Properties of  
Nanomaterials**

**5-8 January 2009**

**Allahabad, India**

# ICOTOPON-2009 SCIENTIFIC PROGRAM AT A GLANCE

Registration: January 4th

## Plenary Session

(Old Lecture Theatre, Old Physics Building, Rm. 18)

	Monday, January 5 <sup>th</sup>	Tuesday, January 6 <sup>th</sup>	Wednesday, January 7 <sup>th</sup>	Thursday, January 8 <sup>th</sup>
Plenary	Chair: Mahi Singh	Chair: Rob Lipson	Chair: Mike Cottam	Chair: Mahi Singh
9:00-10:00	Opening Ceremony	<b>P-Tu1</b> Jean Leotin	<b>P-We1</b> Robin Nicholas	<b>P-Th1</b> TBA
10:00-10:30	Coffee	Coffee	Coffee	Coffee

# ICOTOPON-2009 SCIENTIFIC PROGRAM AT A GLANCE

## Session E

(Old Lecture Theatre, Old Physics Building, Rm. 18)

	Monday, January 5 <sup>th</sup>	Tuesday, January 6 <sup>th</sup>	Wednesday, January 7 <sup>th</sup>	Thursday, January 8 <sup>th</sup>
<b>Session EA</b>	<b>Chair: MoEA</b>	<b>Chair: TuEA</b>	<b>Chair: WeEA</b>	<b>Chair: ThEA</b>
10:30-11:00	EA-Mo1 M von Ortenberg	EA-Tu1 Sami Allam	EA-We1 W G Schmidt	EA-Th1 M. Flatte
11:00-11:15	EA-Mo2 TBA	EA-Tu2 N. Dutta	EA-We2 Shiv P. Patel	EA-Th2 P. K. Panda
11:15-11:30	EA-Mo3 Chandan Setty	EA-Tu3 Nitul Rajput	EA-We3 Govind Gupta	EA-Th3 A. C. Pandey
11:30-12:00	EA-Mo4 B. Bansal	EA-Tu4 S. K. Gupta	EA-We4 K. N. Reddy	EA-Th4 B.N. Jagatap/A.K. Pati
<b>Session EB</b>	<b>Chair: MoEB</b>	<b>Chair: TuEB</b>	<b>Chair: WeEB</b>	<b>Chair: ThEB</b>
12:00-12:30	EB-Mo1 Mei Ting	EB-Tu1 G. deA. Farias	EB-We1 F.P. Laussy	EB-Th1 M.P. Srivastava
12:30-12:45	EB-Mo2 Reuble Mathew	EB-Tu2 N. K. Singh	EB-We2 Anil Kapri	EB-Th2 Anil Kumar Singh
12:45-13:00	EB-Mo3 Mohammad Al-Amri	EB-Tu3 Manasi Devi	EB-We3 Denyse DuBrucq	EB-Th3 R.S. Khairnar
<b>13:00-14:30</b>	<b>LUNCH</b> (Vijayanagram Hall)	<b>LUNCH</b> (Vijayanagram Hall)	<b>LUNCH</b> (Vijayanagram Hall)	<b>LUNCH</b> (Vijayanagram Hall)
<b>Session EC</b>	<b>Chair: MoEC</b>	<b>Chair: TuEC</b>	<b>Chair: WeEC</b>	
14:30-15:00	EC-Mo1 Bilal Tanatar	EC-Tu1 S. Mikhailov	EC-We1 L.Y.M. Tobing	<b>Closing Session</b>
15:00-15:15	EC-Mo2 Durga Prasad Gogoi	EC-Tu2 Tara Sankar Pal (invited)	EC-We2 Prabhakar Rai	
15:15-15:30	EC-Mo3 E.P. Samuel	EC-Tu3 Tara Sankar Pal	EC-We3 Shal. Kumar	
15:30-16:00	EC-Mo4 G P Srivastava	EC-Tu4 G. Fanchini	EC-We4 J C Egues	
<b>16:00-16:30</b>	<b>Coffee</b>	<b>Coffee</b>	<b>Coffee</b>	<b>Coffee</b>
<b>Session ED</b>	<b>Chair: MoEC</b>		<b>Chair: WeEC</b>	
16:30-17:00	ED-Mo1 Chandan Dasgupta	<b>Poster Session PO-Tu Adhikarey – Medicherla</b>  (S. N. Ghoash Auditorium; Annex of the J. K. Institute of Applied Physics and Technology)	ED-We1 Max Migliorato	
17:00-17:15	ED-Mo2 K.D.Talele, to be confirmed		ED-We2 V. Kumar	
17:15-17:30	ED-Mo3 Alok Shukla		ED-We3 M.S. Ramachandra Rao	
17:30-17:45	ED-Mo4 J. P. Singh		ED-We4 TBA	
17:45-18:00	ED-Mo5 A. Chamoli			
	<b>18:00-20:00</b>	<b>18:00-19:30</b>	<b>18:00-19:30</b>	
	Special Session in honor of <b>Prof. G. S. Verma</b>  (Old Lecture Theatre, Old Physics Building, Rm. 18)	<b>Cultural Program</b>	<b>Poster Session PO-We Meher - Yadav</b>  (S. N. Ghoash Auditorium; Annex of the J. K. Institute of Applied Physics and Technology)	
<b>20:00-21:30</b>	<b>DINNER</b> (Vijayanagram Hall)	<b>DINNER</b>	<b>DINNER</b>	

# ICOTOPON-2009 SCIENTIFIC PROGRAM AT A GLANCE

Registration: January 4th

## Session O

(Rajju Bhaiya Hall, New Physics Building, Rm. 120)

	Monday, January 5 <sup>th</sup>	Tuesday, January 6 <sup>th</sup>	Wednesday, January 7 <sup>th</sup>	Thursday, January 8 <sup>th</sup>
<b>Session OA</b>	<b>Chair: MoOA</b>	<b>Chair: TuOA</b>	<b>Chair: WeOA</b>	<b>Chair: ThOA</b>
10:30-11:00	OA-Mo1 Kurt Busch	OA-Tu1 J. M. Hvam	OA-We1 TBA	OA-Th1 O.N. Srivastava
11:00-11:15	OA-Mo2 J.V. Yakhmi (invited)	OA-Tu2 Ajay Kaushal	OA-We2 S. Chattopadhyaya	OA-Th2 S. Agarwal
11:15-11:30	OA-Mo3 J.V. Yakhmi	OA-Tu3 Anal Tarafderdel	OA-We3 Sweety Sarma	OA-Th3 S.K. Apte
11:30-12:00	OA-Mo4 Dhirendra Bahadur	OA-Tu4 M. Osinski	OA-We4 Bal. K. Agrawal	OA-Th4 B.R. Mallik
<b>Session OB</b>	<b>Chair: MoOB</b>	<b>Chair: TuOB</b>	<b>Chair: WeOB</b>	<b>Chair: ThOB</b>
12:00-12:30	OB-Mo1 Jean Desforges	OB-Tu1 Y. Sugimoto	OB-We1 H. G. Limberger	OB-Th1 B. Fainberg
12:30-12:45	OB-Mo2 Elena del Valle	OB-Tu2 Indra Sulania	OB-We2 Rahul Singhal	OB-Th2 T. P. Sinha
12:45-13:00	OB-Mo3 K. Venkataramania	OB-Tu3 J.P. Singh	OB-We3 A.D. Mohite	OB-Th3 Hari Prakash
<b>13:00-14:30</b>	<b>LUNCH</b> (Vijayanagram Hall)	<b>LUNCH</b> (Vijayanagram Hall)	<b>LUNCH</b> (Vijayanagram Hall)	<b>LUNCH</b> (Vijayanagram Hall)
<b>Session OC</b>	<b>Chair: MoOC</b>	<b>Chair: TuOC</b>	<b>Chair: WeOC</b>	
14:30-15:00	OC-Mo1 Jai Singh	OC-Tu1 M. G. Cottam	OC-We1 A.K. Arora	<b>Closing Session</b>
15:00-15:15	OC-Mo2 L.N. Tripathi	OC-Tu2 Shal. Kumar	OC-We2 M G. Krishna	
15:15-15:30	OC-Mo3 M.G. Krishna	OC-Tu3 G.D. Varma	OC-We3 R.R. Yadav	
15:30-16:00	OC-Mo4 M. Babiker	OC-Tu4 J. Whitehead	OC-We4 H. Weman	
<b>16:00-16:30</b>	<b>Coffee</b>	<b>Coffee</b>	<b>Coffee</b>	<b>Coffee</b>
<b>Session OD</b>	<b>Chair: MoOD</b>		<b>Chair: WeOD</b>	
16:30-17:00	OD-Mo1 M. Bergmair	<b>Poster Session PO-Tu Adhikarey – Medicherla</b>  (S. N. Ghoash Auditorium; Annex of the J. K. Institute of Applied Physics and Technology)	OD-We1 M. Singh	
17:00-17:15	OD-Mo2 F. Singh		OD-We2 A. K. Gupta	
17:15-17:30	OD-Mo3 Aggelos Tarlis		OD-We3 M.B Pandey	
17:30-17:45	OD-Mo4 Nagesh Kumar		OD-We4 S. Dasgupta	
17:45-18:00	OD-Mo5 R.J. Chaudhary		OD-We5 TBA	
	<b>18:00-19:45</b>	<b>18:00 – 19:30</b>	<b>18:00-19:15</b>	
	Special Session in honor <b>Prof. G. S. Verma</b>  (Old Lecture Theatre, Old Physics Building, Rm. 18)	<b>Cultural Program</b>	<b>Poster Session PO-We Meher - Yadav</b>  (S. N. Ghoash Auditorium; Annex of the J. K. Institute of Applied Physics and Technology)	
<b>20:00-21:30</b>	<b>DINNER</b> (Vijayanagram Hall)	<b>DINNER</b>	<b>DINNER</b>	