



International Conference on Polymers for Advanced Technology

February 23-25, 2023 | Goa, India



22nd Feb, 2023

17:00-19:00 | Registration

Day-1 | 23rd Feb, 2023 | Programme

08:00 | Registration

Inauguration (Mandovi & Abolim Hall)

Welcome Address

Manohar Badiger (Organising Chair)

Time: 09:00-09:05

APA Address

Bhuvanesh Gupta (APA, President)

Time: 09:05-09:10

Conference address

Sanjay K Nayak, (Conference Chair)

Time : 09:10-09:15

Theme address

Frédéric Guittard, University Côte d'Azur, France (Guest of Honor)

Time: 09:15-09:25

Special Address

Puneet Kumar Goel, Chief Secretary, Govt. of Goa (Guest of Honor)

Time: 09:25-09:45

Inaugural Address

Arun Baroka, Secretary, DCPC, GOI, New Delhi (Chief Guest)

Time: 09:45-10:10

Vote of Thanks

Sunita Rattan (APA Secretary)

Time:10:10- 10:20

10:20- 10:45 | Inaugural Tea Break



International Conference on Polymers for Advanced Technology



February 23-25, 2023 | Goa, India

Day-1 | 23rd Feb, 2023 | Programme

Session 1 (Mandovi & Abolim Hall)

Plenary Session

Chairs: Anup Ghosh, IITD, India & Günther G Scherer, PSI, Switzerland

10:45-11:20	Plenary Talk	Frédéric Guittard, University Côte d'Azur, France (749)
11:20-11:55	Plenary Talk	Pedro Fardim, KU, Belgium (750)
11:55-12:30	Plenary Talk	Daniel Grande, CNRS, France (736)

13:00 -14:00 | Lunch Break

Session 2 (Mandovi Hall)

Polymer Synthesis & Modification

Chairs: Pranee Phinyocheep, MU, Thailand & Anupama Sharma, PU, India

14:00-14:20	KN	Sunita Rattan (746)
14:20-14:35	IL	Virendra Kumar (605)
14:35-14:45	OL	Nilanjali Misra (633)
14:45-14:55	OL	Debashis Chakraborty (620)
14:55-15:05	OL	Monikangkana Talukdar (631)
15:05-15:15	OL	Swarnima Rawat (630)

Session 6 (Mandovi Hall)

Polymers for Advanced Technology

Chairs: MM Nasef, UKM, Malaysia & Dhiraj Sud, SLIET, India

15:20-15:40	KN	Pranee Phinyocheep (708)
15:40-15:55	IL	Prem Felix Siril (365)
15:55-16:05	OL	Saroj Shivram Gawas (588)
16:05-16:15	OL	Prakash Vislavath (601)
16:15-16:25	OL	Shikha Chouhan (678)
16:25-16:35	OL	Rajaram Nagarale (589)

Symposium on Packaging

Session 3 (Zuari Hall)

Polymers for Packaging

Chairs: S Chattopadhyay, MoC&F, Govt of India, India & Satyendra Mishra, NMU, India

14:00-14:20	KN	Mohammed Nadeem (765)
14:20-14:40	KN	Alkesh Ghosh
14:40-15:00	KN	Reshma Khan (782)

Session 7 (Zuari Hall)

Polymers for Packaging

Chairs: Tanweer Alam, IIP, India & Vimal Katiyar, IITG, India

15:20-15:40	KN	Abdul Jebbar P B (764)
15:40-16:00	KN	Vimal Katiyar (748)
16:00-16:20	KN	Nidhi R (780)
16:20-16:40	KN	Sharayu Sawant (783)

APA Bio Forum Symposium

Session 4 (Sal Hall)

Functional Biopolymers

Chairs: BS Kaith, NITJ, India & M S Alam, JH, India

14:00-14:20	KN	Thomas Webster (392)
14:20-14:35	IL	Asish Pal (531)
14:35-14:50	IL	Dhiraj Sud (776)
14:50-15:00	OL	Tapaswini Jena (386)
15:00-15:10	OL	Arpit Sand (419)
15:10-15:20	OL	Wasan Tessianan (770)

Session 8 (Sal Hall)

Functional Biopolymers

Chairs: MS Alam, JH, India & Ishak Ahmed, UKM, Malaysia

15:20-15:40	KN	Balbir Singh Kaith (767)
15:40-15:55	IL	Sujit Kumar (784)
15:55-16:05	OL	Shabnum Saleem (447)
16:05-16:15	OL	Anupama Kumar (322)
16:15-16:25	OL	Kshitij Madhu (454)

Session 5 (Abolim Hall)

Biomaterials & Bioengineering

Chairs: Daniel Grande, CNRS, France & Biman B Mandal, IITG, India

14:00-14:20	KN	Amlan Gupta (758)
14:20-14:35	IL	Sagar Pal (759)
14:35-14:45	OL	Sukanya Pradhan (330)
14:45-14:55	OL	Ashaben M. Patel (586)
14:55-15:05	OL	Giriraj Tailor (704)

Session 9 (Abolim Hall)

Tissue Engineering

Chairs: Amlan Gupta, SMIMS, India & MV Badiger, NCL, India

15:20-15:40	KN	Biman B. Mandal (723)
15:40-15:55	IL	Deepa Ghosh (549)
15:55-16:05	OL	Manju Saraswathy (433)
16:05-16:15	OL	Bhisham N Singh (421)
16:15-16:25	OL	Mamatha M Pillai (369)

16:30-17:00 | Tea Break

18:00 – 18:15 | Assembling at ICG Porch area for Cruise Dinner Departure

19:00 - Onwards | Conference Cruise Dinner & APA Award Ceremony



International Conference on Polymers for Advanced Technology

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Day-2 | 24th Feb, 2023 | Programme



Session 10 (Mandovi & Abolim Hall)

Plenary Session: APA Sustainability Forum Symposium

Chairs: VK Gupta, RIL, India & Pedro Fardim, KU, Belgium

09:00-09:35	Plenary Talk	Santanu Dasgupta, RIL India (740)
09:35-10:10	Plenary Talk	Niall Dunne, Polymateria, UK (761)

10:10 10:20 | Tea Break

APA Sustainability Forum Symposium

Session 11 (Mandovi Hall)

Sustainable Plastic Materials

Chairs: Harshid Patil, RIL, India & Ishak Ahmed, UKM, Malaysia

10:20-10:40	KN	V K Rathod (778)
10:40-11:00	KN	Mohammad Jawaid (702)
11:00-11:15	IL	Bimlesh Lochab (616)
11:15-11:25	OL	Naba Kumar (382)
11:25-11:35	OL	Sangeeta Sahu (387)

APA Nano Forum Symposium

Session 12 (Zuari Hall)

Nanomaterials & Nanoengineering

Chairs: Smita Mohanty, CIPET, India & Ashwini Agrawal, IITD, India

10:20-10:40	KN	Anupama Sharma (747)
10:40-10:55	IL	Suryasarathi Bose (695)
10:55-11:05	OL	Ajmal Koya Pulikkal (559)
11:05-11:15	OL	Rishabh Tiwari (519)
11:15-11:25	OL	Srishti Bajpai (685)

Session 13 (Sal Hall)

GFL Session on Hydrogen Storage & Energy Devices

Chairs: Yash Gupta, GFL, India & Jyoti Chauhan, GFL, India

10:20-10:40	KN	J K Rathour (753)
10:40-10:55	IL	Surinder P. Singh (483)
10:55-11:05	OL	Anant D. Kulkarni (712)
11:05-11:15	OL	Saad Zafar (441)
11:15-11:25	OL	Bhanupriya Das (464)

Session 14 (Abolim Hall)

Advanced Textile Materials

Chairs: RS Rengasamy, IITD, India & Satyendra Mishra, NMU, India

10:20-10:40	KN	Apurba Das (726)
10:40-10:55	IL	AK Patra (406)
10:55-11:05	OL	Gourav Mishra (642)
11:05-11:15	OL	Samiksha Gautam (450)
11:15-11:25	OL	Siddharth Shukla (615)
11:25-11:35	OL	Karthiga Rajendaran (425)

Session 15 (Mandovi Hall)

Polymer & Nanocomposite

Chairs: Ashish Pal, INST, India & Sunita Rattan, Amity Univ., India

11:45-12:05	KN	Ishak Ahmed (690)
12:05-12:20	IL	Amar Prasad Yadav (680)
12:20-12:30	OL	Nideesh P K (637)
12:30-12:40	OL	Atanu Jha (435)
12:40-12:50	OL	Debasmita Mohanty (557)
12:50-13:00	OL	Sukumar Roy (399)

Session 16 (Zuari Hall)

Nanomaterials & Nanoengineering

Chairs: S Bose, IISc, India & SP Singh, NPL, India

11:45-12:05	KN	Ashwini K. Agrawal (562)
12:05-12:20	IL	Garima Agrawal (335)
12:20-12:30	OL	Sakti Ranjan Acharya (552)
12:30-12:40	OL	Akshit Malhotra (471)
12:40-12:50	OL	Kiran Rana (587)
12:50-13:00	OL	Gurneet Kaur (540)

Session 17 (Sal Hall)

Springer Student Oral Contest

Chairs: Susheel Kalia, IMA, India & Jyoti Chaudhary, MSU, India

11:45-11:55	OL	Ashish Raghavan (548)
11:55-12:05	OL	Rupali Kakaria (581)
12:05-12:15	OL	Ria Sen Gupta (646)
12:15-12:25	OL	Anoop Singh (327)
12:25-12:35	OL	Sazzadur Rahman (348)
12:35-12:45	OL	Monalisha Samanta (514)
12:45-12:55	OL	Archana Kumari (660)

Session 18 (Abolim Hall)

Advanced Textile Materials

Chairs: AK Patra, UPTTI, India & Apurba Das, IITD, India

11:45-12:05	KN	R S Rengasamy (727)
12:05-12:20	IL	Sumit Sinha Ray (569)
12:20-12:30	OL	Parna Nandi (374)
12:30-12:40	OL	Vikrant U.Dupade (584)
12:40-12:50	OL	Sanjay K. Panda (342)
12:50-13:00	OL	Tabli Ghosh (766)

13:00 -14:00 | Lunch Break



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Session 19 (Mandovi Hall)	
Biomaterials & Bioengineering	
<i>Chairs: MV Badiger, NCL, India & Shamayita Patra, SVVV, India</i>	
14:00-14:15	IL Sumit Murab (582)
14:15-14:25	OL Sangita Jana (604)
14:25-14:35	OL Nitin Kumar Lautre (713)
14:35-14:45	OL Himanshi Diwan (473)
14:45-14:55	OL Athira C Janardhanan (603)

Session 20 (Zuari Hall)	
Nanomaterials & Nano engineering	
<i>Chairs: M Jawaid, UPM, Malaysia & SP Singh, NPL, India</i>	
14:00-14:15	IL Archana Samanta (595)
14:15-14:25	OL Milind Sagar (772)
14:25-14:35	OL Aditi Saikia (339)
14:35-14:45	OL Sangita Tripathy (496)
14:45-14:55	OL Rajeev Mehta (401)
14:55-15:05	OL Bhavesh Thakur (687)

Session 21 (Sal Hall)	
Springer Student Oral Contest	
<i>Chairs: Deepak Pathania, CU, India & Jyoti Chaudhary, MSU, India</i>	
14:00-14:10	OL Diksha Sharma (397)
14:10-14:20	OL Kalpana Rathore (513)
14:20-14:30	OL Doli Hazarika (383)
14:30-14:40	OL Manoj Kumar Dhal (451)
14:40-14:50	OL Saksham Handa (474)
14:50-15:00	OL Soumya S Smita (756)

Session 22 (Abolim Hall)	
Advanced Textile Materials	
<i>Chairs: Sumit S Ray, IITD, India & Satyendra Mishra, NMU, India</i>	
14:00-14:15	IL Anu Mishra (522)
14:15-14:25	OL Kibrya Farooq (449)
14:25-14:35	OL Ranjna Kumari (606)
14:35-14:45	OL Ganesh Jogur (671)
14:45-14:55	OL Rupali (725)

Session 23 (Mandovi Hall)	
Biomaterials & Bioengineering	
<i>Chairs: MS Alam, JH, India & Sumit Murab, IIT Mandi, India</i>	
15:20-15:35	IL Himansu S Nanda (564)
15:35-15:50	IL Arnab Chanda (354)
15:50-16:00	OL Stephen Jose (516)
16:00-16:10	OL Anoop Narayanan (696)
16:10-16:20	OL Himadri Shekhar Roy (639)

Session 24 (Zuari Hall)	
Smart Polymeric Materials	
<i>Chairs: S Sindhu, BITS Pilani, India & Rajeev Mehta, Thapar Institute of Engineering & Technology, Patiala, India</i>	
15:20-15:35	IL Vikas Gite (485)
15:35-15:50	IL Sindhu S (653)
15:50-16:00	OL Srikanth B Billa (422)
16:00-16:10	OL Debaprasad Mandal (443)
16:10-16:20	OL Ankita Dhiman (332)

Session 25	
Wisdom Contest	

Session 26 (Abolim Hall)	
Polymers for Advanced Technology	
<i>Chairs: PF Siril, IIT Mandi, India & Archana Samanta IITD, India</i>	
15:20-15:35	IL Subhra Mohanty (652)
15:35-15:50	IL Ivan Bykov (786)
15:50-16:00	OL S Umadevi (371)
16:00-16:10	OL Anagha Khare (352)
16:10-16:20	OL Karan Chandrakar (618)
16:20-16:30	OL KT Zakaryan (632)

16:40-18:00 | Tea & Poster Session

Chairs: MS Alam, Jamia Hamdard, India

Panelists: S Mohanty, Susheel Kalia, D Pathania, Shamayita Patra, BS Kaith



International Conference on Polymers for Advanced Technology

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Day-3 | 25th Feb, 2023 | Programme



Session 27 (Mandovi & Abolim Hall)

Plenary Session

Chairs: MV Badiger, NCL, India & Deepak Pathania, CU, India

09:00-09:35	Plenary Talk	MM Nasef, UTM, Malaysia (737)
09:35-10:10	Plenary Talk	Sabu Thomas, MG Univ., India (752)

Session 28

10:10-11:30 | Tea & Poster Session

Chair: M S Alam, Jamia Hamdard, India

Panelists: Anupama Sharma, Sunita Rattan, Satyendra Mishra, Garima Agrawal, Dhiraj Sud

Session 29 (Mandovi Hall)

Advanced Materials

Chairs: Vikas Gite, NMU, India & Subita Bhagat, SLIET, India

11:30-11:45	IL	Dipak Gupta (609)
11:45-11:55	OL	Rajat Kumar Das (494)
11:55-12:05	OL	Jeetendra K Banshiwal (709)
12:05-12:15	OL	Hardeep Singh (718)
12:15-12:25	OL	Jaspreet K Randhawa (707)
12:25-12:35	OL	Pratibha Sharma (619)

Session 30 (Zuari Hall)

Nanomaterials & Nanocomposites

Chairs: Sabu Thomas, MG Univ., India & Satyendra Mishra, NMU, India

11:30-11:45	IL	Shamayita Patra (683)
11:45-11:55	OL	Sangeeta Garg (534)
11:55-12:05	OL	Murtuza Z. Channiwal (367)
12:05-12:15	OL	Resmi B.P (668)
12:15-12:25	OL	Sarla Kashiram Pawar (667)
12:25-12:35	OL	Jyoti R Pandey (577)

Session 31 (Sal Hall)

Miscellaneous Applications

Chairs: HS Nanda, IITDM, India & Bimlesh Lochab, SNU, India

11:30-11:40	OL	S Chattopadhyay (700)
11:40-11:50	OL	Nirmal Mazumder (504)
11:50-12:00	OL	Aniruddha Jaiswal (502)
12:00-12:10	OL	Subita Bhagat (528)
12:10-12:20	OL	Kumar Shanu (515)
12:20-12:30	OL	Vinoth Kumar (701)
12:30-12:40	OL	Neeti Kalyani (715)

Session 32 (Abolim Hall)

Miscellaneous Applications

Chairs: Deepa Ghosh, INST, India & Rekha Lagarakha, BU, India

11:30-11:40	OL	Vivek Verma (509)
11:40-11:50	OL	Jibin K P (629)
11:50-12:00	OL	Nikhil Ram Patra (317)
12:00-12:10	OL	Prakash Chandra (699)
12:10-12:20	OL	Prachity S Wankhade (640)
12:20-12:30	OL	Sampat Singh Bhati (774)
12:30-12:40	OL	Vishal Srivastava (497)



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Day-3 | 25th Feb, 2023 | Programme



Valedictory Session (Mandovi & Abolim Hall)

Welcome Address

Manohar Badiger, Organising Chair

Time: 13:00-13:05

APA Address

Bhuvanesh Gupta, APA President

Time: 13:05-13:10

Conference Address

Virendra K Gupta, SVP, RIL, Mumbai

Time: 13:10-13:20

Valedictory Address

Mayank Dwivedi, Director, DMSRDE, India (Chief Guest)

Time: 13:20-13:45

Award Presentation

By Chief Guest

Time: 13:45-13:55

Vote of Thanks

Susheel Kalia, Conference Secretary

Time: 13:55-14:00

14:00 | Lunch Break

15:00 | CONFERENCE ENDS