

Programme Guide

5th IFIP World IT Forum

April 16-18, 2012, Vigyan Bhawan, New Delhi



Department of Information Technology,
Ministry of Communications and Information Technology
Government of India



WELCOME MESSAGE FROM Shri. KAPIL SIBAL



UNION MINISTER FOR
COMMUNICATIONS
& INFORMATION
TECHNOLOGY AND HUMAN
RESOURCE DEVELOPMENT,
GOVERNMENT OF INDIA

On behalf of the Government of India, I would like to warmly welcome participants to the 5th IFIP World Information Technology Forum under the overall theme “ICT for Sustainable Human Development” to be held from 16 to 18 April, 2012 in New Delhi, India.

WITFOR 2012 is being organised in India for the first time. India presents enormous development challenges, as well as models of innovation and globally-competitive IT capabilities. The use of ICT in areas like health and education is opening up newer avenues for reaching out to remote and marginalised populations, while offering affordable and accessible solutions to persistent challenges of development. It is bringing the government closer to its citizens and allowing for more transparent and robust governance.

The Forum provides an important opportunity for policymakers, development professionals, IT businesses and experts both to share their vision as well as enhance their understanding of the innovative uses of IT for development. While countries with similar growth imperatives can share their experiences, the Forum will also be instrumental in assessing and bridging the development divide between nations for a more equitable approach to progress.

The Government of India views ICT as a key tool in its vision of an inclusive society and equitable development, and in its quest to provide better governance via the delivery of basic rights like those to food, health and education. It is committed to a culture of enterprise and innovation, as well as to better and faster delivery of services to its citizens, and the growing use of IT for sustainable development is in alignment with the government’s vision.

I strongly believe that the efforts and expertise of India in the field of ICT, as well as the commitment of the Forum to promote its use for improving the lives of ordinary people, will ensure that WITFOR 2012 is an important milestone in the journey towards ‘Sustainable Human Development’.

I wish WITFOR 2012 every success.

Kapil Sibal

*General Conference Chair, National Organising Committee,
5th IFIP WITFOR 2012*

WELCOME MESSAGE FROM Mr. LEON STROUS



PRESIDENT,
INTERNATIONAL
FEDERATION FOR
INFORMATION
PROCESSING

Dear WITFOR 2012 participants,

On behalf of the International Federation for Information Processing and all the teams that have been involved in organising this conference, it is my great pleasure to welcome you to this year's World IT Forum. The organisers and programme committees have succeeded in building upon the previous events and taking WITFOR a step further towards making it THE global forum to exchange and share knowledge about the use and application of ICT in developing countries.

IFIP, together with the host countries, provides - through WITFOR - a meeting place where stakeholders on all levels can meet and discuss ICT policies, their implementation, and the application of ICT in different sectors. It fosters cooperation between different stakeholders to make the implementation and application of ICT policies effective and sustainable. We have seen in previous editions, as you will in this one too, that there is a true mix of participants from government, right up to the highest levels, as also from industry, research / academia, UN bodies and NGOs.

It is rewarding for all those who have invested a lot of time in the preparations to see that this goal is achieved. What I personally have found very stimulating in all editions is the fact that there is real interaction between speakers and the audience and between the different stakeholders on all levels, also in between the sessions. I believe that this is a true distinguishing factor of WITFOR and you as participants have to make use of this precious feature as much as possible. Therefore I encourage you to be active and meet and discuss issues of concern with national and international colleagues. I am convinced that you will agree with me after the closing session that you have enjoyed a very well organised event with a rich content. I express my thanks to our host of this edition, the Government of India's Department of Information Technology in the Ministry of Communications and Information Technology and to all the colleagues involved in India and abroad.

I hope to meet you personally during these days and trust that many of you will stay or become involved in future editions of WITFOR.

Leon Strous

President, International Federation for Information Processing

WELCOME MESSAGE FROM Smt. RITA TEAOTIA



ADDITIONAL SECRETARY,
DEPARTMENT OF
ELECTRONICS & IT,
GOVERNMENT OF INDIA

The world over, Information and Communication Technologies (ICTs) have played a huge role in revolutionising the ways of working. In India too, the telecom boom and explosive growth in the IT sector have accelerated India's growth story. Today, India is the world's third-largest economy in terms of purchasing power parity and ICT is currently the largest contributor to India's GDP.

The information technology revolution has changed the way the government operates, business is transacted and national security is assured. The Government of India is committed to leveraging ICTs for fundamental reform in governance in the country, to bring it closer to the people as well as make government processes and decision making more transparent and accountable.

It is a matter of great satisfaction that the 5th IFIP World IT Forum 2012 is being hosted in India for the very first time and I hope that the deliberations during this conference will provide innovative ideas to use technology and expertise to meet the challenges confronting our countries in an effective manner.

I hope that the idea exchange and sharing of information on successful projects from across the world will inspire all of us to find innovative ways of leveraging ICTs for meeting the goals of sustainable human development.

Rita Teaotia

*Chair, International Programme Committee,
5th IFIP WITFOR 2012*

GENERAL PROGRAMME SCHEDULE FOR WITFOR 2012

Day Zero : Mon, 16th April 2012

18:30 onwards	Registration and distribution of conference badges to delegates

Day One : Tue, 17th April, 2012

09:30 - 10:30	<p>INAUGURAL PLENARY Lighting of the lamp</p> <p>Welcome Address by Mr. J. Satyanarayana, Secretary, Department of Electronics and Information Technology, Government of India</p> <p>Address by Mr. Janis Karklins, Assistant Director General, Communication and Information Sector, UNESCO</p> <p>Special Address by Mr. Nandan Nilekani, Chairman, Unique Identification Authority of India (UIDAI), Government of India*</p> <p>Address by Mr. Sachin Pilot, Minister of State for Communications and IT, Government of India</p> <p>Inaugural Address by Mr. Kapil Sibal, Minister for Communications and IT & HRD, Government of India</p> <p>Vote of Thanks by Mr. Leon Strous, President, IFIP</p> <p>Inauguration of Exhibition by Mr. Kapil Sibal, Minister for Communications and IT & HRD, Government of India</p>
10:30 - 11:00	COFFEE BREAK

11:00 - 12:30	<p>PLENARY SESSION 1: OPEN INNOVATION/OPEN GOVERNMENT</p> <p>Chair: Dr. T. Ramasami, Secretary, Science & Technology, Government of India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. Hun-Young Kwon, Professor, Kwang-Woon University, Republic of Korea 2. Mr. Arun Maira, Member, Planning Commission, Government of India 3. Ms. Dorothy Gordon, Director General, Advanced Information Technology Institute, the Ghana-India Kofi Annan Centre, Ghana 4. Mr. Ravi Saxena, Additional Chief Secretary, Department of Science & Technology, Government of Gujarat, India 	
PARALLEL SESSIONS 1		
12:30 - 13:45	Agriculture	<p>Theme: Is there hunger for Information Technology in Agriculture? “From Green Revolution to IT Revolution in Agriculture”</p> <p>Chair: Mr. Vikas Nath, Associate Director, Future of the United Nations Project, Switzerland</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Mrs. Rita Teatota, Additional Secretary, Department of Electronics & Information Technology, Government of India 2. Prof. Ashok Jhunjunwala, Telecommunications and Computer Networks Group (TeNeT), Indian Institute of Technology - Madras, India
12:30 - 13:45	Education	<p>Theme: Vocational Training and Skill Upgradation</p> <p>Chair: Prof. S.S. Mantha, Chairman, All India Council for Technical Education (AICTE), India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Mr. Dilip Chenoy, CEO & MD, National Skill Development Corporation (NSDC), India 2. Mr. John Yates, CEO, Manipal City & Guilds, India 3. Prof. K.K. Aggarwal, Chancellor, Lingaya's University, India

12:30 - 13:45	E-Governance	<p>Theme: Can technology address governance issues?</p> <p>Chair: Mr. Ajay Sawhney, President & CEO, National eGovernance Division (NeGD), Department of Electronics & Information Technology, Government of India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Mr. Prakash Kumar, Director, Internet Business Solutions Group, Cisco 2. Mr. Shashank Ojha, World Bank 3. Sridharan Sankaran, Senior Director - Engineering, EMC
12:30 - 13:45	Health	<p>Theme: Institutionalising the use of ICT for better healthcare</p> <p>Chair: Mr. K.N. Desiraju, Additional Secretary, Ministry of Health & Family Welfare, Government of India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. Ayub Many, Head, HIS Unit, Ministry of Health, Kenya 2. Dr. Pankaj Gupta, Partner, Taurus Glocal Consulting, India 3. Mr. Pankaj Kumar Bansal, Additional Secretary, Health & Family Welfare, Government of Tamil Nadu, India
13:45 - 14:30	LUNCH	
PARALLEL SESSIONS 2		
14:30 - 16:00	Agriculture	<p>Theme: Can ICT benefit the small farmers? "Putting Farmers First"</p> <p>Chair: Mr. Vikas Nath, Associate Director, The Future of the United Nations Project, Switzerland</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. Harsha de Silva, Member of Parliament, Consultant Lead Economist, LIRNEasia, Sri Lanka 2. Ms. Aurelia Bondari, Executive Director, National AGROinform Federation, Moldova 3. Dr. T.P. Trivedi, Assistant Director General, Indian Council for Agricultural Research (ICAR), India 4. Dr. Raj Saravanan, Associate Professor, Central Agricultural University, Meghalaya, India

14:30 - 16:00	Education	<p>Theme: E-Content – innovative and sustainable digitisation of content to enhance classroom learning</p> <p>Chair: Prof. Alain Senteni, Dean, School of e-Education, Hamadan bin Mohammed e-University, UAE</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. Dimity Dornan, Managing Director & Founder, Hear and Say, Australia 2. Dr. Paul T. Nleya, Associate Professor, Department of Educational Technology, The University of Botswana, Botswana 3. Dr. Ritva Engestrom, Centre for Activity Theory & Developmental Research, University of Helsinki, Finland 4. Mr. K. Anvar Sadath, Executive Director, IT@ School Project, Government of Kerala, India
14:30 - 16:00	E-Governance	<p>Theme: E-Authentication - Issues and challenges: State data banks and issues of privacy</p> <p>Chair: Dr. B.K. Gairola, Director General, National Informatics Centre, India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. Edgar A. Whitley, Reader in Information Systems, Department of Management, London School of Economics, UK 2. Mr. R.S. Sharma, D-G & Mission Director, Unique Identification Authority of India (UIDAI), India 3. Dr. Ivar Tallo, Member, Executive Board, e-Governance Academy Foundation, Estonia 4. Mr. Sanjay Jaju, Secretary, Department of Electronics & Information Technology, Government of Andhra Pradesh, India
14:30 - 16:00	Health	<p>Theme: Simplifying Health Information Architecture Management</p> <p>Chair: Prof. Jørn Braa, University of Oslo, Norway</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Prof. Hiroshi Takeda, Dean & Professor Master Course of Safety Management in Healthcare services, JIKEI Institute, Osaka, Japan 2. Mr. Rakesh Kanwar, Mission Director, NRHM, Govt. of Himachal Pradesh, India 3. Mr. Ashok Chandavarkar, Healthcare Industry Manager, Asia-Pacific, Intel
16:00 - 16:30	COFFEE BREAK	

16:30 - 18:00	<p>PLENARY SESSION 2: ICT FOR DEVELOPMENT</p> <p>Chair: Mr. J Satyanarayana, Secretary, Department of Electronics & Information Technology, Government of India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Prof. Geoff Walsham, Professor of Management Studies, Judge Business School, Cambridge University, UK 2. Dr. Nagy Hanna, Senior Fellow Centre for Policy on Emerging Technologies; Senior Advisor & Lead Strategist, World Bank, USA
18:00-19:00	<p>Special Presentations</p> <p>'Open Government Platform' - Mrs. Neeta Verma, Senior Technical Director, National Informatics Centre, India.</p> <p>"Global Cloud Computing Scorecard" – Mr. Chris Hopfensperger, Technology Policy Counsel, Business Software Alliance</p>

Day Two : Wed, 18 April, 2012

09:30 - 11:00	<p>PLENARY SESSION 3: NETWORKS - CONNECTING PEOPLE</p> <p>Chair: Mr. R Chandrashekhar, Secretary, Department of Telecommunications, Government of India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Mr. David Hume, Executive Director, Citizen Engagement, Government of British Columbia, Canada 2. Mr. Ajit Balakrishnan, Founder, Chairman & CEO, Rediff.com, India 3. Mr. Kiran Karnik, Former President, National Association of Software and Services Companies (NASSCOM), India 4. Ms. Caitlin Wiesen, Country Director, United Nations Development Programme (UNDP), India
11:00 - 11:30	COFFEE BREAK
PARALLEL SESSIONS 3	
11:30 - 13:00	<p>Agriculture</p> <p>Theme: Will the Pilots ever fly? "Scaling up and Commercialising of ICT – Agricultural Models"</p> <p>Chair: Mr. Vikas Nath, Associate Director, The Future of the United Nations Project, Switzerland</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Mr. Neil Mylet, Founder & CEO, LoadOut Technologies, USA 2. Mr. Srinivas Garudachar, Director, Grameen Intel Social Business Ltd, India 3. Mr. P.R. Ganapathy, Senior Adviser – Incubation, Villgro, India 4. Mr. Ranjan Vaidya, The University of Auckland Business School, New Zealand

11:30 - 13:00	ICT for Development	<p>Theme: Lessons from Research</p> <p>Chair: Prof. Ana Pont, Polytechnic University of Valencia, Spain</p> <p>Papers, Speakers:</p> <ol style="list-style-type: none"> 1. 'Re-framing ICT4D: Status quo and problem areas', by Kartikeya Bajpai, India 2. 'De(coding)the poor: Towards a transparent and accountable NREGA information infrastructure', by Sumitra Nair and Nimmi Rangaswamy, India 3. 'Understanding Broadband Adoption in South African Households', by Lisa Seymour, South Africa 4. 'A case study on the business correspondent model in India': Ishita Ghosh and Kartikeya Bajpai, India
11:30 - 13:00	E-Governance	<p>Theme: Capacity Building - Building internal capacities, with special attention to project management, administrative reform and cyber security</p> <p>Chair: Mr. Padamvir Singh, Director, Lal Bahadur Shastri National Academy of Administration (LBSNAA), India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. Samantha Liscio, Corporate Chief Strategist, Ontario Public Service, Government of Ontario, Canada 2. Dr. Nagy Hanna, Senior Fellow Centre for Policy on Emerging Technologies; Senior Advisor & Lead Strategist, World Bank, USA 3. Mr. Ravi Saxena, Additional Chief Secretary, Department of Science & Technology, Government of Gujarat, India 4. Mr. Shankar Aggarwal, Additional Secretary, Ministry of Defence, Government of India 5. Dr. Rajiv Sharma, Mission Director, National Mission Clean Ganga (NMCG), National Ganga River Basin Authority, Ministry of Environment & Forests, Government of India
11:30 - 13:00	Health	<p>Theme: Using Information Technology to improve Health Outcomes & Transforming Service Delivery Channels</p> <p>Chair: Prof. Sundeep Sahay, University of Oslo, Norway</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. A.K. Azad, Additional Director General (Planning & Development) & Director, Management Information Systems (MIS), Government of Bangladesh 2. Dr. E.V. Ramana Reddy, Secretary, Department of Health & Family Welfare, Government of Karnataka, India* 3. Dr. John Lewis, Vice President, Health Information Systems Programme (HISP), India

13:00 - 14:00	LUNCH	
PARALLEL SESSIONS 4		
14:00 - 15:30	Agriculture	<p>Theme: Is the future mobile? “NextGen Farming: Future of Technology in Agriculture”</p> <p>Chair: Mr. Sanjeev Gupta, Joint Secretary, Ministry of Agriculture, Government of India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Mr. Olaf Hammelburg, Connecting Worlds, The Netherlands 2. Mr. Jawahar Kanjilal, Global Head, Nokia Life Tools, Singapore 3. Ms. Deepa Bachu, Director, Emerging Market Innovation, Intuit, India
14:00 - 15:30	Education	<p>Theme: Open Learning and Distance Education</p> <p>Chair: Mr. N.K. Sinha, Additional Secretary, Ministry of HRD, Government of India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. S.S. Jena, Chairman, National Institute of Open Schooling (NIOS), India 2. Dr. Santosh Panda, Professor of Distance Education STRIDE, Indira Gandhi National Open University (IGNOU), India 3. Mr. Krishan Khanna, Chairman, i2k Solutions, India
14:00 - 15:30	E-Governance	<p>Theme: Mobile Technologies-with a focus on ‘financial inclusion’</p> <p>Chair: Mr. D.K. Mittal, Secretary, Department of Financial Services, Government of India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Mr. Bong-soo Keum, Executive Director, National Information Society Agency (NIA), Republic of Korea 2. Mr. Sriraman Jagannathan, CEO, mCommerce, Bharti Airtel, India 3. Dr. Rajendra Kumar, Director Projects, Department of Electronics & IT, Government of India

14:00 - 15:30	Health	<p>Theme: ICT for Human Resource Management in Health</p> <p>Chair: Mr. P.P. Verma, Additional Chief Secretary, Department of Health & Family Welfare, Government of Assam, India*</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Prof. Kayode Odusote, CEO, Foundation for Sustainable Health Development, Nigeria 2. Mr. Anil Swarup, Additional Secretary, Ministry of Labour and Employment, Government of India 3. Ms. Anu Garg, Commissioner-cum-Secretary, Department of Health & Family Welfare, Government of Odisha, India* 4. Dr. Carl Leitner, Open Source Developer, Capacity<i>Plus</i> Project at IntraHealth International, USA
15:30 - 16:00	COFFEE BREAK	
16:00 - 17:30	<p>Plenary session 4: POLICYMAKERS' PANEL</p> <p>Chair: Mr. Sachin Pilot, Minister of State, Ministry of Communications and IT, Government of India</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Ms. Margarita Rojas, Director, ICT Planning, Government of Paraguay 2. Mr. Bong-soo Keum, Executive Director, National Information Society Agency (NIA), Republic of Korea 3. Dr. Ivar Tallo, Member, Executive Board, e-Governance Academy Foundation, Estonia 	
17:30 - 18:00	Business Presentations	

VALEDICTORY SESSION

Closing WITFOR 2012 - WITFOR 2013 announcement

Conference Summary by Prof. Chrisanthi Avgerou, Professor, London School of Economics and Political Science & Co-Chair, International Programme Committee, WITFOR 2012

Address by Mr. Sachin Pilot, Minister of State for Communications and IT, Government of India

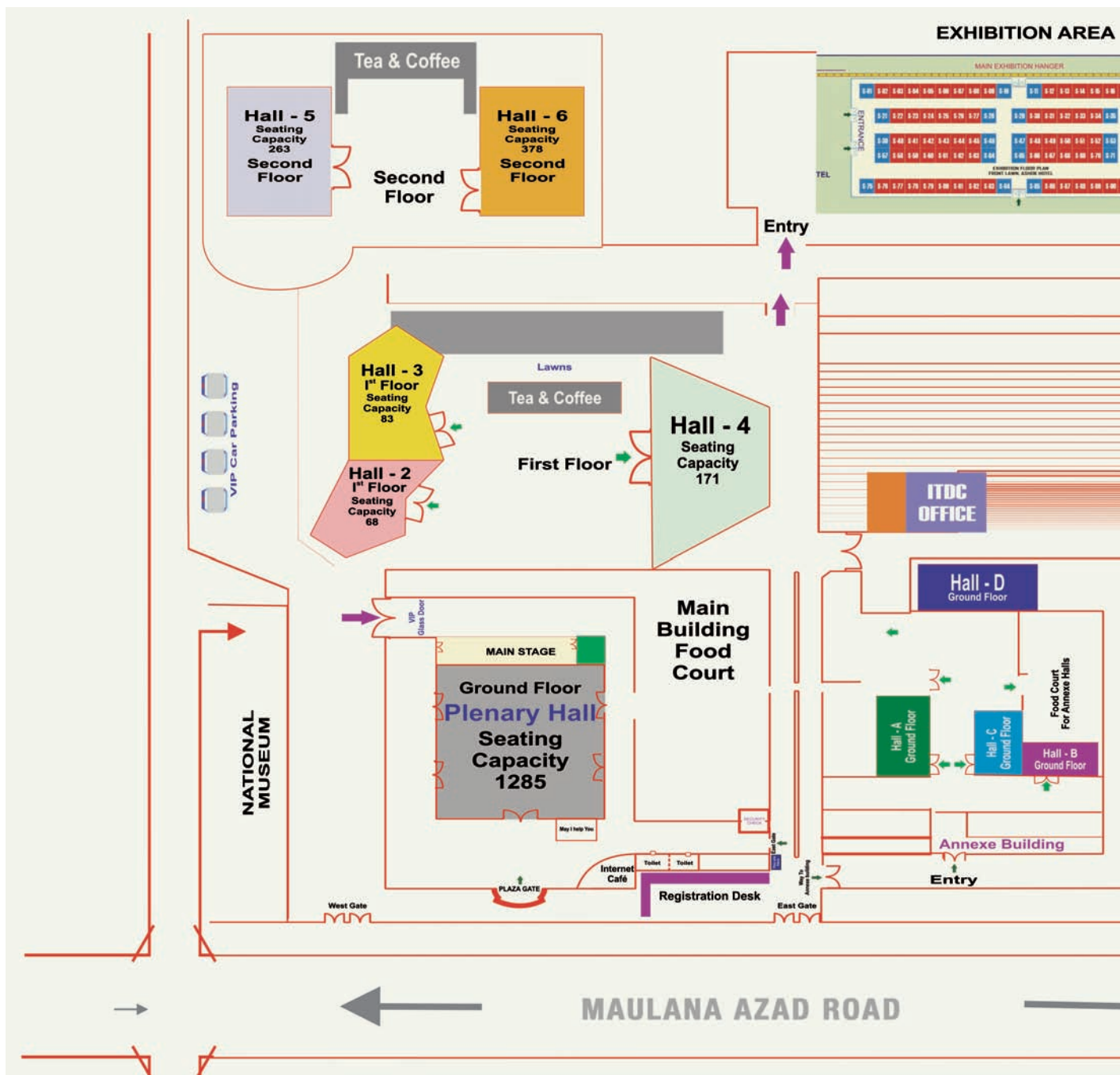
18:00 - 18:50

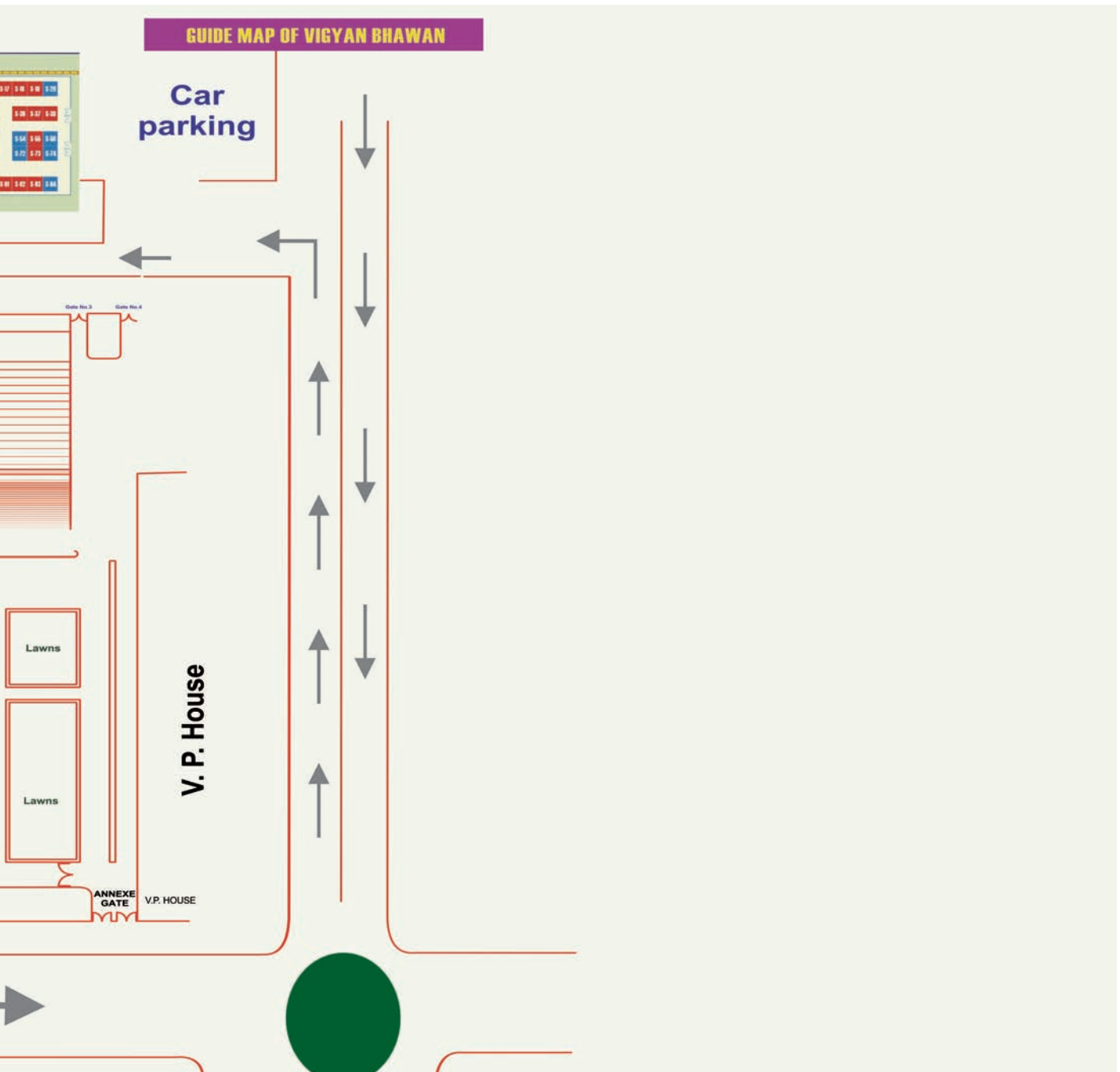
Address and hand over for WITFOR 2013 by Mr. Kapil Sibal, Minister of Communications and IT & HRD, Government of India

Presentation on Paraguay, Address and takeover of WITFOR 2013 by Minister Hugo Royg Aranda, Executive Secretary, Ministry of Technical Planning for Economic and Social Development, Republic of Paraguay

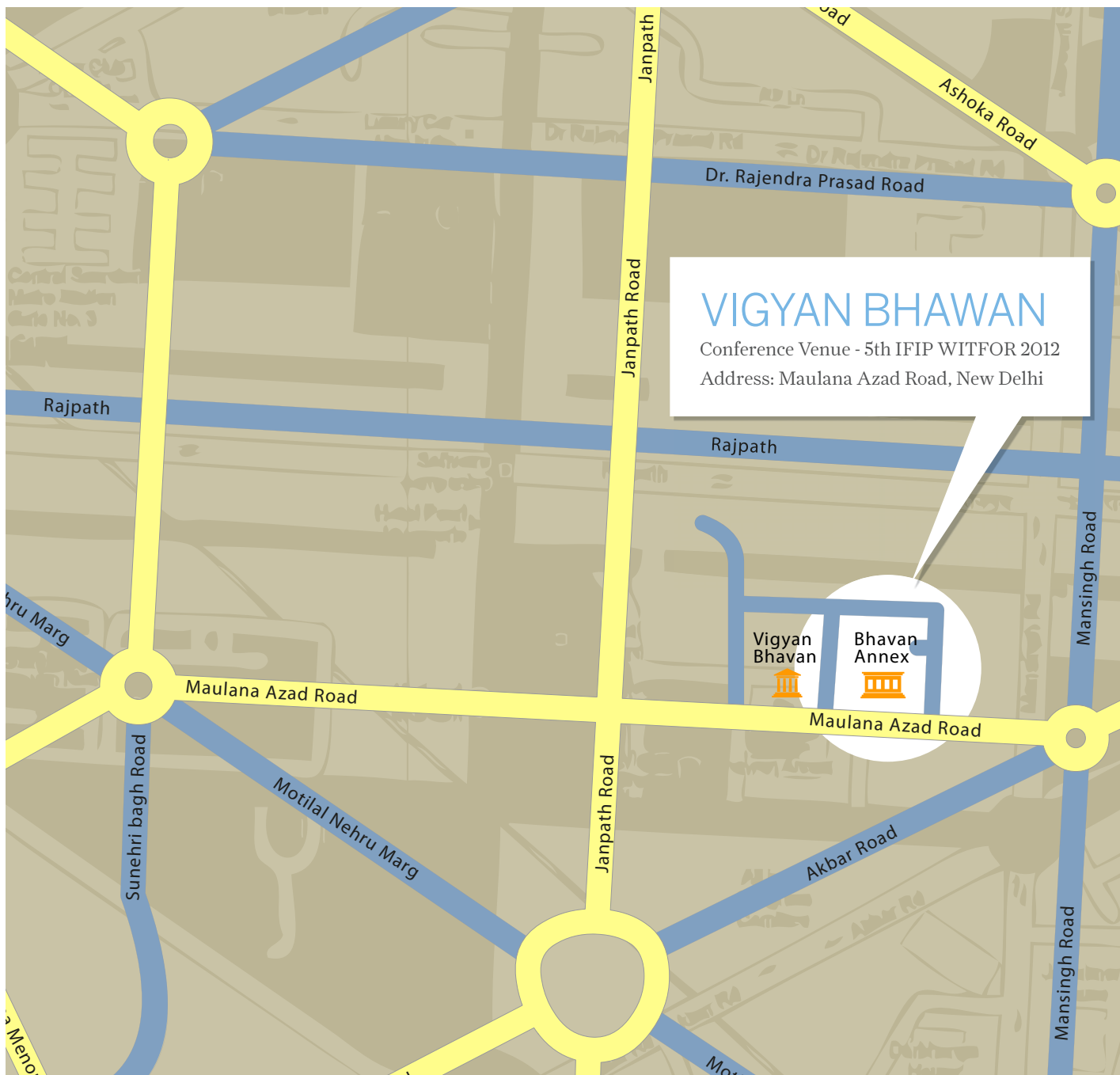
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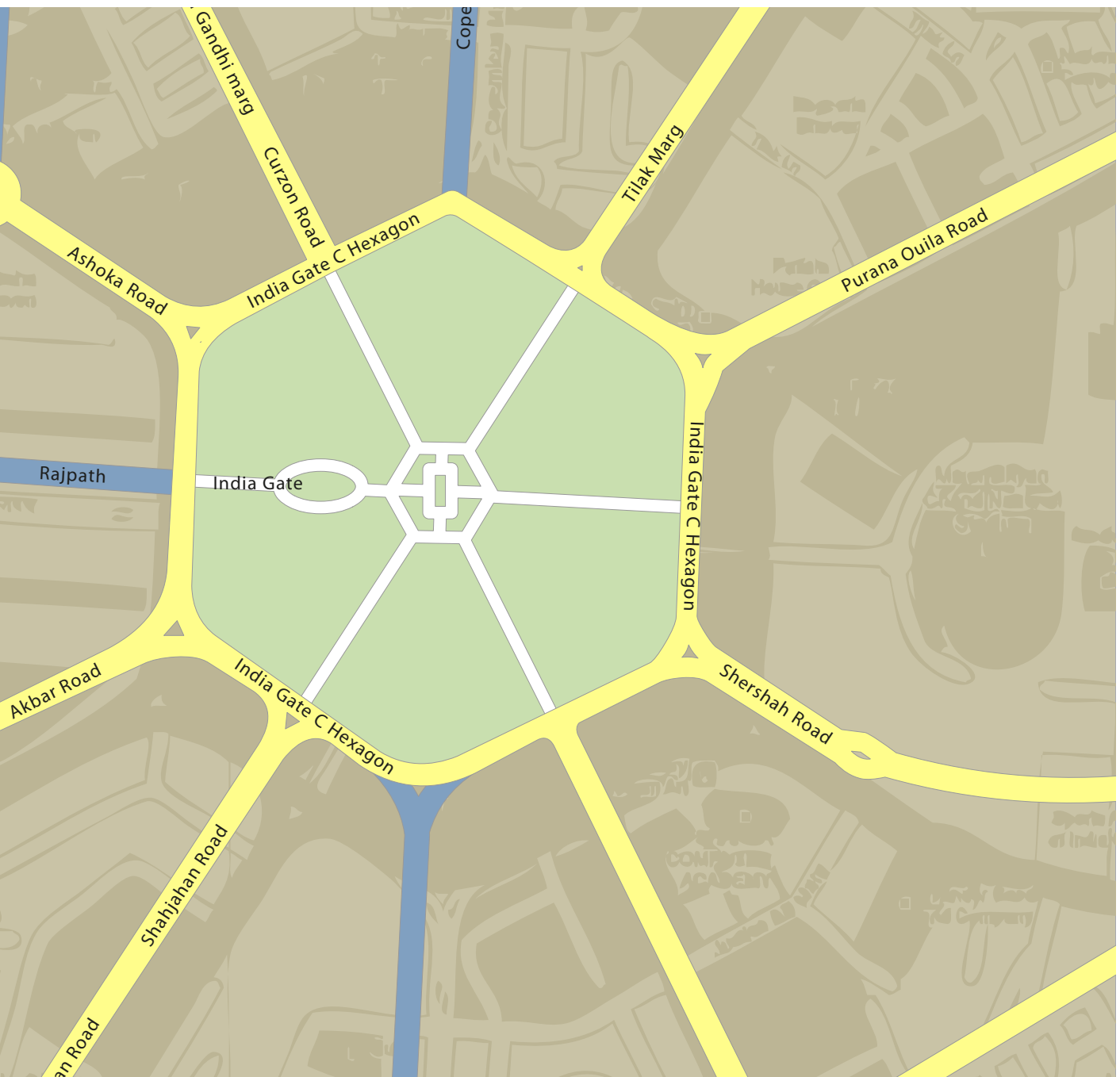
MAP OF VIGYAN BHAWAN INSIDE





MAP OF VIGYAN BHAWAN OUTSIDE





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