Mr. Mohammed Yousuf, Turner-Fairbank Highway Research Center, McLean, VA 22101
Ms. Karen Wolf-Branigin, Easter Seals, USA
Ms. Julie Babinard, World Bank, USA
Mr. José Antonio Isola de Lavalle, Office for the Attention of People with Disabilities of the District of San Isidro, Peru
Mr. Jim Martson, Atlanta VA Rehabilitation R & D Center for Vision Loss, USA
Ms. Virginia Dize, National Center on Senior Transportation (NCST), USA
Mr. Campbell McKee, Independent Consultant, UK
Mr. Vipul Vinzuda, National Institute of Design, Paldi, India
Ms. Maryvonne Dejeammes, Centre for Studies on Urban Planning, Transport, Utilities and Public Constructions, France
Mr. Ashwani Luthra, Guru Nanak Dev University, India
Mr. Ronald Brooks, Veolia Transportation, USA
Ms. Anna Aokola, The World Bank, USA
Mr. S.Y. Kulkarni, IIT Roorkee, India
Ms. Betsy Buxer, MV Transportation, USA
Mr. David Lewis, National Director, Economics and Financial Services, USA
Mr. Michael Winter, U.S. Department of Transportation, USA
Ms. Deepti Samant, Burton Blatt Institute (BBI) at Syracuse University, USA
Ms. Rosemary Gertyr, Regional Transportation Authority, USA
Ms. Billie Louise Bentzen, Accessible Design for the Blind, USA
Dr. M Parida, IIT Roorkee, India
Mr. Ashish Verma, IISc, Bangalore, India
Dr. Akhilesh Kumar Maurya, IIT, Guwahati, India
Mr. Tetsuo Akiyama, Hokusei Gakuen University, Japan
Dr. Sanjay Gupta, School of Planning and Architecture, New Delhi, India
Mr. Ranjith de Silva, International Forum for Rural Transport and Development (IFRTD), Sri Lanka
Prof. Partha Chakroborty, IIT, Kanpur, India
Prof. Ila Gupta, IIT Roorkee, India
Dr. K. Krishnamurthy, National Institute of Technology, Calicut, India
Mr. Daniel Blais, Transportation Development Centre, Canada
Ms. Sheuli Mitra, School of Planning and Architecture, Bhopal, India
Mr. Christoffel Venter, University of Pretoria, South Africa
Mr. Harry P Wolfe, Secretary, ABE (60) Committee –TRB, USA
Mr. Michael Reploge, Institute for Transportation and Development Policy, USA
Ms. Angela Costa Werneck de Carvalho, Rio de Janeiro, Brazil
Dr. William Crandall, Rehabilitation Engineering Research Center on Low Vision and Blindness, USA
Mr. Thomas E. Rickert, Access Exchange International, USA
Dr. Enne Boer, Dept. of Transport and Planning, Netherlands
Members of International Steering Committee and International Scientific Committee
with the inaugural speakers from Govt. of India and Govt. of Delhi.

Organizing Committee
The goal of the Organizing Committee was to ensure that TRANSED 2012 conference gets organized in a seamless, accessible and efficient manner. The committee oversaw all the local arrangements and logistics of all technical and social events in Delhi, including soliciting and arranging sponsors for the event. The Organizing Committee marketed, publicized and reached out to the prospective participants and prospective sponsors on the local as well as global level.

Chair
Ms. Abha Negi, Director, Svayam

Members
Mr. Abhijit Sarkar, Delhi Integrated Multi Modal Transit System (DIMTS), New Delhi
Dr. K.K. Mohammed, Archaeological Survey of India
Dr. Bipin Kumar Tiwary, Equal Opportunity Cell, University of Delhi
Mr. Mathew Cherian, HelpAge India, New Delhi
Ms. Poonam Natarajan, National Trust for the Welfare of Persons with Disabilities, Ministry of Social Justice & Empowerment, Govt. of India
Ms. Thilakam Rajendran, ARLNIM
Mr. Sujay Mehdudia, The Hindu
Mr. Dipendra Manocha, Saksham Trust & Daisy Forum of India
Mr. Sanjeev Sachdeva, Sanjeevani, New Delhi
Mr. Sanjay Pant, Bureau of Indian Standards, Govt. of India
Ms. Ruma Roka, Noida Deaf Society
Ms. Papia Sarkar, Central Public Works Department (CPWD)
Mr. Subhash Chandra Vashishth, Svayam

**Exhibition Committee**

The goal of the Exhibition Committee was to organize an exhibition focusing on accessibility, sustainability, livable communities, technological advancements and tourism themes. The committee targeted participation of around 25 exhibitors and brought in necessary funding to support the main conference.

**Members**

Mr. Subhash Chandra Vashishth, Svayam, India
Ms. Shilpi Kapoor, BarrierBreak Technologies, India
Ms. Shobha Kumari, Svayam, India

**Programme Committee**

The Programme Committee assisted the Scientific Committee in developing the conference programme. It also provided guidance in the development of the ceremonial programmes, the technical tours and the social activities. The Programme Committee also evaluated and selected the scholarships receipts and aided in the selection of the award recipients.

**Members**

Dr. Lalita Sen, Texas Southern University, USA
Ms. Abha Negi, Svayam, India
Ms. Sonal Chaudhry, Svayam, India
Ms. Shuchita Rawal, Svayam, India

**Communication and Marketing Committee**

The Communication and Marketing Committee developed a communication and promotion plan and ensured timely dissemination of information by reaching out and updating the prospective delegates about TRANSED 2012 through social media, outdoor publicity, radio spots, networking and website. The committee also established and maintained relations with the media so that the issues being deliberated upon at the conference are widely covered.

As a part of the promotional plan, three international road shows in Taiwan, Germany and Sri Lanka were conducted. India being a huge nation, a number of road shows in different states were conducted to generate awareness and participation for the conference.

**Members**

Ms. Abha Negi, Svayam, India
Ms. Shuchita Rawal, Svayam, India
Ms. Sunaina Jairath, Image Public Relations
Ms. Sanjana Nath
TRANSED 2012 Secretariat

TRANSED 2012 Secretariat was constituted at Svayam’s office consisting 5 members that coordinated the entire event and facilitated the work of all the committees. The secretariat reached out to delegates, exhibitors, sponsors, partners and the general public interested in universal mobility on a global scale.

Team Svayam

Members

- Mr. Christopher G.B. Mitchell
- Dr. Lalita Sen
- Mr. Thomas E. Rickert
- Ms. Abha Negi, Svayam, India
- Mr. Subhash Chandra Vashishth, Svayam, India
- Ms. Sonal Chaudhry, Svayam, India
- Ms. Shuchita Rawal, Svayam, India
- Ms. Shobha Kumari, Svayam, India

Professional Conference Organizers (PCO)

Kuoni Destination Management:

Kuoni Destination Management, the Professional Conference Organizer (PCO) ensured that all the activities of the conference, technical exhibition and associated events are satisfactorily co-ordinated and completed. They arrange and operate services throughout Europe, North America, India, Eastern & Southern Africa and China and have experience in successfully handling various international conferences and events.

Interlude:

Interlude is an Integrated firm that provides comprehensive branding solution through its services ranging from graphic designing, event management, AV productions to music productions. Specializing in events, Interlude has successfully executed music and cultural festivals both in India and abroad. Having conceptualized, produced and managed Indian Govt.’s largest tourism fair in Geneva in 2011, Interlude is known for a world-class standard of planning, ideating, designing, producing and marketing of event properties.
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a) **Pre-conference Workshops**

Three pre-conference workshops on varied topics related to the conference theme preceded the conference scientific programme which were attended by over 200 delegates from across the world. Three pre-conference workshops were held on Monday, September 17, 2012 namely:

- Hands-On Evaluation of Environmental Barriers on Wheelchair Mobility  
  - 82 participants
- UN Convention on the Rights of Persons with Disabilities: A Force for Change  
  - 75 participants
- Accessible Tourism: Why, How and Where!  
  - 70 participants

These workshops were open to all the delegates at no additional cost, with no pre-registration requirement. Each tutorial was given in English language. The participation rate for the pre-conference workshops was quite high and the participants expressed a high level of satisfaction with regard to the content and the presenters.

However, due to unforeseen circumstances, one of the workshops on “Establishment of Integrated Assistive Technology Service Module - a Key Approach to Improve Mobility, Accessibility & Transport in Developing Countries” was cancelled. The participants who had opted for this workshop actively participated in the remaining workshops.

**Glimpses of Pre-conference Workshops**

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**Image:**

- Participants and facilitators at a pre-conference workshop.
- Attendees and presenters engaged in discussions.
- A lively session with participants actively participating.

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**Image:**

- Participants seated attentively, listening to a presentation.
- A diverse group of attendees engaged in collaborative discussions.

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**Image:**

- A dynamic scene with participants and facilitators involved in interactive sessions.
- Attendees are actively participating in group exercises.

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**Image:**

- A focused group of participants engaged in a discussion.
- Facilitators lead the session with clear instructions.

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**Image:**

- Attendees and facilitators in a well-organized workshop setting.
- A conducive environment for learning and interaction.
b) Pre-conference Technical Tours

TRANSED 2012 conference provided rich opportunities for delegates to gain insights into a broad range of accessible transport systems and how they are professionally managed but also efforts to incorporate accessibility at the world heritage sites in Delhi in addition to traditional cultural experience of Indian art, handicrafts and ethnic cuisine.

The objective of conducting pre-conference technical tour was to orient participants towards the accessible features incorporated in the host country. The delegates were offered to choose from the two technical tours that were conducted over half-a-day on the afternoon of September 17, 2012. The cost of the technical tours was included in the registration fee.

Tour A: Delhi Integrated Multi-modal Transit System (DIMTS) + Red Fort + Dilli Haat
110 participants (5 wheelchair users, 2 ambulatory, 6 attendants)

Tour B: Qutub Minar + Delhi Metro + Dilli Haat
75 participants (2 wheelchair users)

Both the technical tours were coordinated with the collaboration of a number of organizations namely Delhi Integrated Multi-modal Transit System (DIMTS), Archaeological Survey of India (ASI), Delhi Tourism and Delhi Metro Rail Corporation. Five-low floor air-conditioned accessible buses were pressed into service for transferring the conference delegates during the technical tours in collaboration with Ministry of Transport, Government of Delhi. Besides these five buses, two dedicated accessible vans with a carrying capacity of five wheel-chair users each were also organized to meet the last minute requirements.

At DIMTS, the delegates were given presentation by the DIMTS representative on the evolution of DIMTS and the transport systems in Delhi especially the Bus Rapid Transport (BRT) and its monitoring process. The interesting element of the visit was the demonstration of the BRT control centre which was much appreciated by all the delegates.

Dedicated tour guides provided information in English language on each tour to orient the conference delegates about the world heritage sites and important locations covered during the tour. The volunteers were also duly trained by the Secretariat on handling specific needs of persons with various disabilities.

**Visuals of Pre-conference Technical Tours**
c) Scientific Programme

Scientific committee meetings were held for outlining the broad structure of the conference, themes and sub-themes. A call for abstracts was announced on 1st October 2010 to encourage researchers from across the world to share their insights, core research, practical experiences or policy issues based on the themes and sub-themes listed below.

**Theme**

Seamless Access for All: Universal design for transport systems and infrastructure as a key element in the creation of livable cities.

**Sub Themes/Topic Codes**

a. Role of the UN Convention on the Rights of Persons with Disabilities (UNCRPD)
b. Best practices and innovations
TRANSED 2012 Programme

c. Accessible tourism: Conservation, access to the historic and natural heritage
d. Environmental impact, sustainability, and accessibility of integrated multi-modal systems
e. Accessible Public Transport (Bus Rapid Transit, Metro, Para-transit System, etc.)
f. Highway design and safety
g. Pedestrian mobility & safety for livable communities
h. Rural access and mobility
i. Implementation, monitoring and enforcement
j. Potential of Technology in Accessibility for All (Information Technology, Accessibility Aids, etc.)
k. Others

The key dates and events were as follows:
• Call for abstracts of papers/posters announced: October 01, 2010
• Deadline for submission of abstracts: March 31, 2011
• Extended deadline for submission of abstracts: September 30, 2011
• Notification of abstract acceptance: October 31, 2011
• Call for registration: November 1, 2011
• Deadline for submission of papers/posters: May 1, 2012
• Extended deadline for submission of papers/posters: August 31, 2012
• Deadline for super saver registration: February 29, 2012
• Deadline for early bird registration: July 31, 2012
• Pre-conference workshops and technical tours: September 17, 2012
• Conference, exhibition and seminars: September 18–20, 2012
• Post conference social tours: September 21, 2012 onwards

The ‘Call for Abstracts’ was announced on October 01, 2010 via mass mailing to the live list of Hong Kong TRANSED 2010 as well as the organizations in the network of the host that included NGOs, government bodies both State as well as Union (working in the areas of Transport, Urban and Rural Development, Tourism, Social Justice & Empowerment), educational & research institutions, public sector undertakings, corporate, multi-lateral organizations, consulting firms, etc. A postal mailing was done simultaneously to the prospective participants whose e-mail addresses were not available with us. Every month a reminder e-blast was sent to the concerned organizations that helped in generating maximum abstracts from across the world. The March 2011 deadline for the submission of abstracts was extended to September 30, 2011 and a deadline extension e-blast was sent as well as updated on the TRANSED 2012 website.

A strategy was developed on abstract solicitation targeting specific organizations and individuals on selected themes/topics, and by country. Furthermore, the members of International Steering Committee were approached by the Secretariat to drum up and reach out to the potential authors in their respective countries.

The very initial response to the ‘Call for Abstracts’ generated 400 plus abstracts from 46 nations. Realistic wash down closer to the conference had participation from more than 30 nations.
Around 240 papers and 41 posters from 32 countries were presented during three-day long deliberations. An online review system was created and implemented to ensure transparency. Each abstract was subject to blind review by at least three members of the International Scientific Committee. The entire abstracts and paper submission process was also made online.

d) Technical Sessions

Spread over three days (from September 18, 2012 to September 20, 2012) the technical programme included a formal inaugural session, one inaugural plenary, two plenary sessions, twenty-one parallel sessions and two panel discussions. The technical sessions were accompanied by an extensive and dynamic poster session. About 585 people were present on the day of the inaugural session with significant number of key policy makers.

Inaugural Session

The TRANSED 2012 conference was inaugurated by Smt. Sheila Dikshit, Hon’ble Chief Minister, Govt. of Delhi who in her inaugural address said that her government is aspiring to make Delhi a “caring city” for the elderly and the disabled in particular. She also expressed that TRANSED 2012 will not only help us address the challenges associated with improving mobility and transportation needs for the elderly and disabled but will make us work towards making India barrier-free. The inaugural session featured welcome remarks from Ms. Sminu Jindal, Chair, International Steering Committee and Founder, Svayam. The special address was given by Dr. Sudhir Krishna, Secretary, Ministry of Urban Development, Govt. of India that shed light on the Indian Perspective on Seamless Accessibility. Mr. Ramakant Goswami, Hon’ble Minister of Transport, Govt. of NCT of Delhi delivered the keynote address that highlighted the need and government’s initiative towards providing a disabled-friendly and seamless integrated multi-modal transport system that not only meets the requirements of a diverse demography but also reduces dependence on private modes of transport. The vote of thanks was given by Mr. Russell Thatcher, Co-chair, Transportation Research Board, USA.

Glimpses of the Inaugural Session
As part of the inaugural proceedings, the National Anthem was rendered by the students of the Noida Deaf Society.

Inaugural Plenary Session

The theme of the Inaugural Plenary Session was “Need for Developing Barrier-free Infrastructure”, which was moderated by Ms. Ann Fry, United Kingdom. The session had thought-provoking deliberations from Mary Crass, Head of Policy & Forum Preparation, ITF, Germany, Mr. Shakti Sinha, CMD, Delhi State Industrial and Infrastructure Development Corporation Ltd., Prof. Rosario Macario, Lisbon Technical University, Portugal and Mr. Prasanna Kumar Pincha, Chief Commissioner for Persons with Disabilities, India.
Inaugural Plenary Session held on September 18, 2012

Parallel Sessions
Around 240 papers were presented in twenty-one break-away sessions, scheduled into seven parallel tracks based on various conference sub-themes on each of the three conference days from September 18, 2012 to September 20, 2012. The TRANSED 2012 Conference saw an unprecedented attendance not only at the inaugural sessions but in all break-away sessions on each day of the conference.

Other Plenary Sessions
In addition to the inaugural plenary, two more plenary sessions were held each on September 19, 2012 and September 20, 2012. The broad themes that outlined both the sessions were “Livable Communities with emphasis on Infrastructure” and “Accessibility in Public Transport” respectively. Experts from across the world deliberated on a gamut of issues pertaining to the
above themes. Both the plenary sessions were concluded with huge participation and interaction by the delegates.

Panel Discussions
In addition to the above sessions, two panel discussions were held each on September 19, 2012 and September 20, 2012. The themes that became the food for thought for both the panel discussions were “Livable Communities with Emphasis on Policies” and “Strategies to Promote Inclusive Communities”. The panel discussions shed light and brought to fore a wide range of issues relevant for making accessible transport and inclusive communities.
Closing and Handover Ceremony

The closing and handover ceremony was held on the last day of the conference i.e. September 20, 2012. The Scientific Committee Chair, Prof. Geetam Tiwari, delivered the concluding remarks and outlined TRANSED 2012 highlights that gave the delegates an overall perspective of the conference. This was followed by closing remarks by the Chair, International Steering Committee, Ms. Sminu Jindal and formal handover of the TRANSED baton by the TRANSED 2012 secretariat to Prof. Rosario Macario, the Portuguese representatives of TRANSED 2015, the next host. This followed a welcoming presentation by Prof. Rosario Macario providing broad details about the next TRANSED to be held in Lisbon, Portugal and extending an invitation to all present.

e) Exhibition

A two-day expo complimented the TRANSED 2012 conference and was held on Tuesday, September 18, 2012 and Wednesday, September 19, 2012, featuring 17 exhibitors that showcased products and services related to the conference theme. Several companies from the automobile sector, technical institutions, universities, NGOs, public sector undertakings, associations, displayed diverse technological innovations, research projects, accessibility devices, accessible and para-transit vehicles.

The exhibition also featured an Innovation Zone which provided awareness about barrier-free access facilities, assistive technologies to empower people with disabilities and solutions providing dignity and independence to all. Visitors were made to experience how people with disabilities could be empowered and how innovation could impact the lives of disabled people.

One booth was solely dedicated to the products made by persons with multiple disabilities under the brand name of Association for Rehabilitation under National Trust Initiative of Marketing (ARUNIM). Another such booth was dedicated to showcase the artistic abilities of persons with disabilities.
The exhibition attracted approximately 1500 visitors in a span of two days that included visits by the conference delegates, representatives of various NGOs and associations, students of University of Delhi and other educational institutions and government officials.

Exhibition Gallery


**f) Poster Session**

In addition to the technical sessions, a dedicated poster session was held on two days of the conference i.e. Tuesday, September 18, 2012 and Wednesday, September 19, 2012. Due to constraint of time slots in the parallel sessions, only a fixed number of abstracts could be accepted for full paper presentations. Remaining good quality abstracts were accepted to be presented as posters as per the reviews and ratings received from the reviewers. Therefore, the authors were requested to submit the detailed written papers even for their abstracts accepted as posters and the same were also included in the conference technical programme as well as archived on the TRANSED 2012 website.

To raise the profile of the posters and to ensure dedicated audience, exclusive time slot on September 19, 2012 from 11:45 am to 01:00 pm was allocated for poster sessions on one day, in addition to the lunch and coffee breaks. Certain selected posters were even elevated to panel discussions, which highlighted their importance in the technical programme. Four posters were unanimously selected for the best poster awards giving prominence to the contribution made by the authors.

A total of 41 posters from 15 countries were displayed under the following sub-themes:

- **Theme B**: Best Practices and Innovations (5 posters)
- **Theme C**: Accessible Tourism: Conservation, Access to the Historic and Natural Heritage (7 posters)
- **Theme D**: Environmental Impact, Sustainability, and Accessibility of Integrated Multi-modal Systems (1 poster)
- **Theme E**: Accessible Public Transport (Bus Rapid Transit, Metro, Para-Transit System etc.) (5 posters)
- **Theme F**: Highway Design and Safety (2 posters)
- **Theme G**: Pedestrian Mobility and Safety for Liveable Communities (7 posters)
- **Theme H**: Rural Access and Mobility (2 posters)
- **Theme I**: Implementation, Monitoring and Enforcement (1 poster)
- **Theme J**: Potential for Technology in Accessibility for All (Information Technology, Accessibility Aids, etc.) (11 posters)

Poster presentations were made by authors from the following countries in alphabetical order:

- Bangladesh: 2
- Belgium: 1
- Canada: 1
- Dominican Republic: 1
- Germany: 1
- Greece: 2
g) Social Programme

A wide range of social events provided countless opportunities to the conference delegates to learn, exchange ideas and meet new people from around the world in informal and relaxed settings. A vivacious social programme consisting of a welcome dinner, best paper and poster awards ceremony coupled with overwhelming performance by the youth of Jammu and Kashmir and incredible dancers from Abilities Unlimited mesmerised the delegates giving them a feel of rich Indian culture and heritage.
i. Welcome Dinner

An official welcome dinner for the delegates hosted by Smt. Sheila Dikshit, Hon’ble Chief Minister, Government of Delhi at her residence on the opening day September 18, 2012 offered an opportunity for informal discussions among the participants and key policy makers. She made an effort to personally greet each delegate making them feel at ease. The TRANSED 2012 Secretariat made all necessary arrangements for transportation of the delegates from the conference venue to the Hon’ble Chief Minister’s residence and back.

Glimpses of Welcome Dinner
ii. **Award Ceremony**

The best paper and best poster awards have been instituted to recognize and encourage excellence in research and experiential work undertaken by the researchers and other professionals across the world.

The Chief Guest for the evening Mr. Arvinder Singh, Hon’ble Minister, Ministry of Urban Development, Govt. of NCT of Delhi gave away the best paper and best poster awards to the authors on September 19, 2012. Appendices C & D provide details on method of judgment for the award of best paper and best poster.

### The Best Paper Awards

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<th>Abstract ID</th>
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<td>392</td>
<td>DESIGN AND USER TESTING OF AN AFFORDABLE CELL PHONE BASED INDOOR NAVIGATION SYSTEM FOR VISUALLY IMPAIRED</td>
<td>Jain Dhruv, Prabhav Agrawal, Amar Mittal (and 14 others) (INDIA)</td>
</tr>
<tr>
<td>129</td>
<td>WRONG QUESTIONS, WRONG ANSWERS: THE STATISTICAL BARRIER TO ACCESSIBILITY</td>
<td>Ann Frye (UK)</td>
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<td>362</td>
<td>THE FRAGILITY OF ELDERLY PEOPLE AND ITS EFFECT ON TRAFFIC ACCIDENT FATALITIES</td>
<td>Dr. Christopher G.B. Mitchell (UK)</td>
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### The Best Poster Awards

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<th>Abstract ID</th>
<th>Poster Title</th>
<th>Authors</th>
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<td>279</td>
<td>SOCIAL, CULTURAL AND CROSS GENERATIONAL ISSUES IN PUBLIC TRANSPORT IN EUROPE</td>
<td>Ms. Ling Suen, Anders Wretstr and Anabela Simões</td>
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<td>96</td>
<td>CONSULTING OLDER PEOPLE ABOUT THEIR LOCAL ACCESSIBILITY NEEDS</td>
<td>Mr. Roger L. Mackett, Helena Titheridge and Kamal Achuthan</td>
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<td>268</td>
<td>ACCOMMODATING VARIABILITY IN ABILITY</td>
<td>Mr. Craig R. Childs, Ms. Catherine Holloway and Mr. Nick Tyler</td>
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