M-Enabling Summit 2020
Digital Inclusion Strategies: A Catalyst for Action
Session Options for Call for Presentations

Deadline for Submission: March 16, 2020

PARALLEL THEMATIC SESSIONS

Session Format

60-minutes sessions. Panel discussion format. Panel includes up to four (4) speakers and a moderator. Each presenter is allocated 8-minutes time, plus 2-minutes for Q/A. Each panelist can present up to seven (7) slides, if so wished.

Two tracks:

- Trends & Innovations Thematic Sessions.
- IAAP Thematic Sessions on Accessibility Implementation.

TRENDS & INNOVATION THEMATIC SESSIONS

1.   Accessibility of Virtual Workplaces and Gig Economy Platforms

According to Global Workplace Analytics, 40% of the U.S. workforce already works remotely at some frequency, and 25 and 30% of all U.S. workers engage in gig work part time. This session will discuss how those new forms of employment opportunities may benefit Persons with Disabilities with a focus on the digital accessibility of the most popular virtual collaboration tools and gig economy platforms.

2.   International Trends on Digital Accessibility

A global snapshot of the progress of digital accessibility around the world, including latest advances in European legislation and regulations, innovative practices from around the world and the latest DARE Index rankings (Digital Accessibility Rights Evaluation Index).

3.   Innovations in the Digital Transportation Marketplace

Considerable innovation enabled by digital platforms is transforming transportation opportunities for Persons with Disabilities. This session will examine the latest developments occurring in micro-mobility, mobility as a service and ride-shared services with a focus on recent beta tests of solutions.

4.   Latest Advances and Implications of Brain-Computer Interfaces

Brain Computer Interfaces enabled by microchip technologies, wearable devices and AI are emerging as an entirely new field of innovation that can transform the lives of millions of persons with disabilities. This session will examine the flurry of research activities and most recent technologies now available in the market place as well and the complex security, societal and ethical issues raised by their implementation.

5.   The Quiet Evolution of Accessible Affordable Consumer Products

The multiplication of affordable consumer products with innovative accessibility features, embedded A.I. and environment control capabilities are transforming the field of assistive solutions for Persons with Disabilities. A review and discussion of their actual adoption and best-case studies.

6.   Innovations in Inclusive Digital Entertainment

Which mix of accessible entertainment activities best support independent living today? Which improvements are most in demand by end-users? Entertainment industry participants and persons with disabilities will engage in a discussion of successful innovations and how further progress can be accomplished.

7.   Smart Homes Technologies and Robotics for Independent Living

Smart Homes technologies and robotics offer a variety of solutions in support of independent living. This session will examine successful use cases with a focus on the eco-system required for their successful implementation and user adoption.

8.   Extended Reality

This session will review Extended Reality (XR) applications, wearable devices and services which provide users augmented views (AR) of their real-world environment or virtual reality experiences (VR) perceived across multiple senses, including visual, auditory, haptic, somatosensory, and olfactory. The session will discuss how XR technologies may be used for assistive solutions and the accessibility of mainstream XR applications for persons with disabilities.

9.   Design Innovations for Age-related Disabilities

Age-related disabilities present some of the most complex accessibility challenges for designers: often evolving in parallel, sensorial, physical and cognitive decline affect each aging individual differently. And with digital literacy uneven among older persons, digital accessibility solutions commonly used for younger persons with disabilities may not work. This session will explore innovative solutions in addressing those challenges.

10.   Leading Uses of Artificial Intelligence (AI) for Digital Inclusion in the Marketplace

AI is promoted as the next frontier for innovation for Persons with Disabilities. How much actual AI applications based on Machine Learning are demonstrable today and for which use cases? This session will review some of the leading applications of A.I. in support of Digital Inclusion for developers, accessibility of user interfaces or assistive solutions.

11.   Autonomous Vehicles

This session will provide an update of the progress made by self-driven vehicles technologies, the status of real-world tests and implementations and emerging legislation and regulations in the United States and abroad. A discussion of how those developments may best benefit Persons with Disabilities and the potential role of advocacy organizations in promoting solutions.

12.   The Future of Indoor Navigation, Mapping and Real-time Remote Services

Real-time, anytime anywhere navigation guidance or support and assistance services are emerging as a major opportunity with the popularization of embedded NFC features in mobile devices, wireless enabled wearable technologies and 5G networks. This session will examine successful implementations with users' testimonies and explore how those various services may be best supported via the adoption of standardized mapping, alternative funding mechanisms and rules for network traffic prioritization.

13.   Innovative Tools for Inclusive Hiring

With an unemployment rate higher than for any other category of population, Persons with Disabilities are often excluded from the very start by the inaccessibility of job openings, outreach mechanisms and

application processes. This session will review progress achieved by job posting platforms and major employers in addressing this issue.

14.   Smart Cities Forum Kick-off Session

Smart Cities initiatives are multiplying around the world with promises for better services for all citizens. How can accessibility be factored in those developments? Local government leaders and urban planners will discuss real world case studies of how cities address those issues. This session will serve as the joint kick-off opening panel of the Smart Cities for All Forum held in conjunction with the M-Enabling Summit.

15.   The Evolution of the Digital Accessibility Consulting Eco-System

Consulting practices in Digital Accessibility cover a wide array of services and interventions. A common trend through all types of consulting is the increased sophistication of methods, tools and frameworks guiding the work of consulting firms and their relationship with client organizations.

16.   Solutions for Caregivers

With one third of households with a family member living with disabilities, innovations in applications and services for caregivers – family members or professionals – are gaining a strong momentum across different types of disabilities and levels of independent living situations. This session will explore leading apps and services and implementation success stories.

17.   Technology Solutions for Communication Impairments

This session will look at different forms of communication impairments and how some of the latest technologies can eliminate barriers in the workplace and education environments.

18.   Mental Health and Technology

Universities and increasingly workplaces have to address mental health needs of students and employees. Technology is a double edge sword as it can trigger or amplify mental health issues, dysfunctional behaviors and social challenges. However, technology also enables new platforms, applications and services that offer effective support alternatives. This session will discuss how organizations can best manage and leverage technology in addressing mental health challenges.

IAAP THEMATIC SESSIONS ON ACCESSIBILITY IMPLEMENTATION

1.   WCAG 2.1 and beyond: Latest Developments

The Web Accessibility Guidelines (WCAG) issued by the Worldwide Web Consortium (W3C) are a cornerstone of the digital accessibility strategy of most organizations. This session will review the latest work of the WCAG W3C workgroup and discuss what's likely to emerge as a focus for the updates following WCAG 2.1.

2.   Promoting Accessibility Awareness and Buy-in across the Organization

By popular demand among participants of the M-Enabling Summit, this session will focus on the challenge that accessibility leaders face in promoting the need to implement accessibility across their organizations. A sharing of good practices and real-world solutions.

3.   Choosing and Embedding an Inclusive Maturity Model for Your Organization

A review of the methodologies, tools and benchmarking processes currently deployed among cities, enterprises and universities to monitor and drive accessibility across their organization.

4.   Latest Advances of the Accessibility Profession

With more than 2,500 members by year end 2019 in more than 60 countries and likely more than 3,000 by year end 2020, the International Association of Accessibility Professionals is growing by leaps and bounds, with new chapters launched in Spanish and German speaking countries, new certifications addressing specific accessibility job profiles and new resources to support professionals. IAAP leaders from around the world will share their experiences.

5.   Accessibility in Procurement: Organization Protocols in Public and Private Sectors

This session will review the considerable progress made in promoting accessibility criteria and protocols for accessibility in procurement in both the public and private sector.   Leading case studies will be discussed.

6.   Integrating Accessibility (A11y) Professional Education and Certification across the Organization

A review of organization strategies in integrating accessibility professional education and certification across different functions in an organization with processes to ensure the continuous updating of skills taking into account technology evolutions and employees' mobility and turnover.

7.   Addressing the Accessibility Challenges of Enterprise Software & Software as a Service for Workplace Accommodation and Consumer Services

Organizations of all types use a variety of enterprise wide software solutions or opt for the use of cloud-based software as a service. To which extent are those accessible? How can their accessibility best be assessed? And which work around solutions may be implemented if they are not accessible? This session will explore the difficult task of dealing with those issues and review solutions commonly adopted for both employees and customers interfaces.

8.   Integrating Accessibility Testing in the Development Life-cycle

A review of strategies, methods and tools to integrate testing and monitoring of the accessibility compliance of products, contents and services in their development life-cycle.

9.   Advancing Strategic Leaders in Accessibility

Whether reporting to CEOs, Compliance or Legal departments, Product Development or Marketing, Executives responsible to oversee and manage accessibility in the organization have common tasks and challenges. This session will provide an update of the IAAP Task Force currently establishing the foundation for a new professional certification for "Strategic Leader in Accessibility".

10.   Aligning Information Systems with Workplace Accommodation Requirements

This session will review unforeseen digital accessibility challenges for employees with disabilities and solutions adopted by large organizations to alleviate them. A discussion of how to best integrate workplace accommodation considerations with IT deployments will ensue.

END USER SOLUTIONS DEMO TANKS

Session Format

60-minutes sessions, addressing specific areas of disability. Up to 5 demos per session. Each presenter is allocated 4-minutes to demo their innovation (products or services, new product or service release highlights, etc.), plus 3-minutes for Q/A. This fast-paced flow is designed to allow for a quick overview of the benefits of each solution. Participants will vote to select the most innovative solution to be recognized during the Closing Session of the M-Enabling Summit.

1. **Deaf & Hard of Hearing**

   This end user demo theater will include up to 5 solutions demos consisting of 4-minutes presentations and 3-minutes Q&As each.   The session is designed to allow for a quick overview of the benefits of each product or solution presented to foster further discussions between participants and presenters following the session.

2. **Blind & Low Vision**

   This end user demo theater will include up to 5 solutions demos consisting of 4-minutes presentations and 3-minutes Q&As each.   The session is designed to allow for a quick overview of the benefits of each product or solution presented to foster further discussions between participants and presenters following the session.

3. **Mobility & Dexterity**

   This end user demo theater will include up to 5 solutions demos consisting of 4-minutes presentations and 3-minutes Q&As each. The session is designed to allow for a quick overview of the benefits of each product or solution presented to foster further discussions between participants and presenters following the session.

4. **Cognitive**

   This end user demo theater will include up to 5 solutions demos consisting of 4-minutes presentations and 3-minutes Q&As each.   The session is designed to allow for a quick overview of the benefits of each product or solution presented to foster further discussions between participants and presenters following the session.