

برعاية خادم الحرمين الشريفين الملك سلمان بن عبدالعزيز آل سعود  
المؤتمر الدولي السادس للإعاقة والتأهيل  
The 6<sup>th</sup> International Conference on Disability & Rehabilitation

الرياض، المملكة العربية السعودية Kingdom of Saudi Arabia

"جرأة نحو المستقبل" Daring the future



مركز الملك سلمان لأبحاث الإعاقة  
King Salman Center For Disability Research

علم ينعف الناس Science Benefiting People

The daily bulletin of the sessions of the 6th International Conference on Disability and Rehabilitation

Second issue

## On behalf of the Custodian of the Two Holy Mosques, Governor of Riyadh Region Inaugurates 6th International Conference on Disability and Rehabilitation



// On behalf of the Custodian of the Two Holy Mosques King Salman bin Abdulaziz Al Saud, HRH Prince Faisal bin Bandar bin Abdulaziz, Governor of Riyadh Region, accompanied by HRH Prince Sultan bin Salman bin Abdulaziz, Chairman of the Board of Trustees of the King Salman Center for Disability Research and Chairman of the Supreme Supervisory Committee, inaugurated the activities of the 6th International Conference on Disability and Rehabilitation at Princess Haya Auditorium, Alfaisal University, Riyadh.

HRH Prince Sultan bin Salman said that the issue of disability receives great care from the Custodian of the Two Holy Mosques King Salman bin Abdulaziz, and that the state, with all its sectors and institutions, gives full care to the services of people with disabilities. HRH added that in this context the conference comes at an

unprecedented and exceptional historical moment, and therefore it is important that its recommendations are consistent with the conference's slogan "Daring towards the future", to continue the successes achieved by the five previous international conferences. HRH indicated that this year's conference gains its importance from the successful implementation of all the recommendations of these five previous conferences, including the National System for People with Disabilities, National Initiative for Universal Access, and the inception of the Authority of People with Disability.

HRH added that the issue of disability faced many challenges during the past years, and we were able to overcome these social difficulties, the most prominent of which was the denial of the existence of the problem of disability among families, up until the disability became

an issue of the entire society and not only a problem of individuals. HRH indicated that significant efforts were made until we were able to make the issue of disability public, and this is an extension of the state's prominent role in caring for people with disabilities in line with the Kingdom's Vision 2030.

The opening ceremony of the conference witnessed the honoring of the winners of the 3rd King Salman International Award for Disability Research, and they are seven winners from inside and outside the Kingdom. The Chairman of the Award Authority and Minister of Hajj and Umrah, His Excellency Dr. Tawfiq bin Fawzan Al-Rabiah delivered the award statement, in which he explained that the award exceeded its regional size, and we aspire that the award be the best in the world and the most popular among scientists and researchers from all the world.



**Governor of Riyadh Region: I had the honor to inaugurate the activities of the conference on behalf of the Custodian of the Two Holy Mosques**

At the end of the opening ceremony, HRH the Governor of Riyadh Region stated: "All matters related to the conference are good and give indications of excellent participation. There is no doubt that this evening, the Custodian of the Two Holy Mosques King Salman honored me to attend on his behalf, and this is a great honor for me, and to be with my brother, HRH Prince Sultan on this happy occasion, as HRH Prince Sultan provided this wonderful social institution the best of what a person gives to his country, and he gave a lot to this award and this conference, and I wish success for the conference and the award, and HRH Prince Sultan succeeds in everything he does".







Within His Visits to the First Day of the Conference

## Prince Sultan Bin Salman Meets Senior Researchers, Representatives of Sponsoring Institutions and Companies



His Royal Highness Prince Sultan bin Salman bin Abdulaziz, Special Adviser to the Custodian of the Two Holy Mosques, Chairman of the Higher Supervisory Committee of the 6th International Conference for Disability and Rehabilitation, conducted an inspection tour to the activities of the first day and the accompanying arrangements, accompanied by Her Royal Highness Princess Maha bint Mishari bin Abdulaziz, Vice President of External Relations and Advancement at Alfaisal University.

The tour included HRH Prince Sultan meeting with senior researchers and winners of King Salman

International Award for Disability Research in its 3rd session, as well as representatives of the institutions and companies sponsoring the conference.

HRH Prince Sultan also toured the exhibitions accompanying the conference, which included the sponsors' exhibition, the participant's exhibition, as well as the historical exhibition. HRH also visited the conference committees and the media center and was reassured of the progress of the arrangements of the conference.

For his part, the Chairman of the Preparatory Committee of the conference Dr. Ahmed bin Abdulaziz Al-Tamimi

confirmed that there are high expectations on this conference to push the issue of disability forward and come up with recommendations and initiatives that serve people with disabilities and improve their quality of life. Dr. Al-Tamimi also added that the issue of disability receives great and continuous support from the Custodian of the Two Holy Mosques King Salman bin Abdulaziz Al Saud, who adopted and supported the issue for decades, and the direct interest from the Advisor to the Custodian of the Two Holy Mosques and Chairman of the Higher Supervisory Committee of the conference, HRH Prince Sultan bin Salman Al Saud.







Chief Executive Officer of King Faisal Specialist Hospital and Research Center, and the Secretary-General of the 6th International Conference for Disability and Rehabilitation, Dr. Majid bin Ibrahim Al Fayyadh

## The ambitious are great in this conference, and we are optimistic that the outputs will be scientifically and practically

“ Dr. Majid bin Ibrahim Al Fayyadh, the Chief Executive Officer of King Faisal Specialist Hospital and Research Center, and the Secretary-General of the 6th International Conference for Disability and Rehabilitation, stressed the relationship between King Faisal Specialist Hospital and Research Center and King Salman Center for Disability Research, and the role played by the Hospital in establishment phase of the Center. He also highlighted the importance of the outputs and recommendations of the conference and its role in changing some laws in favor of people with disabilities. He explained that the aspirations of this conference are great, so that the outputs, like the previous ones, will be scientifically and useful. ”

- In your capacity as the Secretary-General of the 6th International Conference for Disability and Rehabilitation, how do you see the conference and its outputs, and how can it be an exceptional conference with its recommendations and decisions?

The conference is under the patronage of the Custodian of the Two Holy Mosques and under the direct supervision of the Special Adviser to the Custodian of the Two Holy Mosques, Chairman of the Board of Trustees of the King Salman Center for Disability Research, HRH Prince Sultan bin Salman bin Abdulaziz, and this gives the conference utmost importance, and when we look at the size of scientific participation and the previous five editions of the conference, we notice the impact of its outputs by changing some laws in favor of people with disabilities, as well as the discoveries and recommendations that made a big difference in the issue of disability. Therefore, the aspirations are great in this conference, and I am optimistic and hope that the outputs, like previous ones, will be scientifically and useful, and give more space for other participations and another ambition in this field. We at King Faisal Specialist Hospital and Research Center see this conference and its outputs with significant importance, in addition to the quality of the participants in scientific research, which I believe will achieve our aspirations from holding this international conference.

- The conference activities will witness the honoring of the winners of the King Salman International Award for Disability Research in its third session, how can institutions and research centers in the Kingdom, especially King Faisal Specialist Hospital and Research Center, benefit from this award and its outputs?

The importance of the award lies in its honor to bear the name of the Custodian of the Two Holy Mosques, and it is an international award



that has become especially important to many scientists specializing in the field of disability. The award always pushes scientific research and researchers to focus their work on the topic of the award, and this is what the award did in the past two editions, and it is a great moral award for the research due to its distinction in the name it hold and the work for which it was established.

- Dozens of scientific and research authorities specialized in disability and their research from around the world will participate in the conference,

**We at King Faisal Specialist Hospital and Research Center assign the utmost importance to this conference and its outputs**

in addition to hundreds of researchers and, what is the word you want to direct to them?

The award and its global position pushes researchers to apply for it, and the results of those research will have a profound impact in advancing scientific research, and that the research are a motive progress in the field of practical applications and research studies of the impact of these applications. King Faisal Specialist Hospital benefits from the research, and certainly, the benefit will be inclusive for all, and I speak in my capacity as a Chief Executive Officer at King Faisal Specialist Hospital and member of King Salman Center for Disability Research, I express my great happiness and interest in this award and its outputs. We have confidence that the recommendations reached in this conference will be implemented, as in the previous conferences. It is important to hold a successful conference and the impact of its decision in achieving outputs,



and I am confident, through the support that the conference finds, that the desired goals will be achieved.

**- What is the role played by King Faisal Specialist Hospital and Research Center to serve people with disabilities and improve their quality of life?** Certainly, the active and important participation of King Faisal Specialist Hospital with King Salman Center for Disability Research, and it is participating in the establishment phase of the center at more than one level, this is something we proud of at King Faisal Specialist Hospital. There is also great cooperation at the level of research, and the most prominent of these outputs is cooperation in establishing an early intervention program that is now applied to all newborns in the Kingdom, as well there is a major research carried out by the center with King Faisal Specialist Hospital in cooperation with international universities such as Harvard University in the aspect of the impact of mental health and this research has been considered a reference in this field, and there are many examples. Caring for people with disabilities is important to us and is not restricted to limited aspects only, but rather includes all aspects of their life, and at King Faisal Hospital, we provide them a distinguished quality of treatment that many hospitals cannot offer them, we also have initiatives in employing people with disabilities and rehabilitating all facilities to suits their disability, through which we cooperated with King Salman Center in the universal access program.

**-How do you see the relationship and cooperation between King Faisal Specialist Hospital and King Salman Center for Disability Research?**



King Faisal Specialist Hospital has recently changed to an independent non-profit institution, and one of the pillars of this institution is that the beginning should be from the community, and the status of the hospital has shifted from a government hospital to an independent community hospital owned by the community, therefore, our community participation through social impact has become an essential part of King Faisal Specialist Hospital, and previously there were programs in mental health, early intervention, and universal access, and we are looking forward to a bright future and great cooperation between the two sides. There is no doubt that one of the most important pillars of King Faisal Specialist Hospital is

to be part of society and the social responsibility that it seeks to achieve for these groups, such as people with disabilities and other groups, and how does King Faisal Hospital help in improving their environment, whether by providing treatment on permanent basis, or with job opportunities, research participation, and support for incubators. King Faisal Specialist Hospital strives to achieve all these initiatives and it is part of the strategy of King Salman center for Disability Research, and the history shows that the relationship between King Faisal Specialist Hospital and King Salman Center for Disability Research is very excellent and productive, and we will see more comprehensive progress in this field.



# The 6<sup>th</sup> International Conference on Disability & Rehabilitation



## Sessions

8

Speakers in the dialogue session

19

Senior invitees and speakers at the conference

3

Main sessions

17

Session chairs

12

Concurrent sessions

1

Dialogue session

1

Closing session

59

Number of session speakers

42

Scientific posters

## Initiatives

12

Entities that will be reviewed in the sessions

2

National initiatives session

16

Number of initiatives

4

Number of agreements to be signed

19

The initiatives that will be announced on the initiatives platform





## Daring the future



### Organization

7

The number of committees working on the conference

81

Members of the committees working on the conference

5

Entities participating in organizing the conference

5

Entities organizing the conference

27

Number of countries

1413

Female

853

Male

2575

The number of registered persons on the conference website

18

The number of sponsors of the conference

146

Number of volunteers

560

From outside Saudi Arabia

2015

From inside Saudi Arabia

### Workshops

512

Number of trainees

22

Workshop presenters

16

Number of workshops

14

Medical hours approved by the Saudi Commission for Health Specialties

48

Number of training hours

4

Workshop's auditorium



## Dr. Lilac Al-Safadi, President of the Saudi Electronic University: Modern technologies support scientific research

“ Dr. Lilac Al-Safadi, President of the Saudi Electronic University, said that the issue of disability is one of the exceptional and critical issues that should receive attention and care from all parties in which they can introduce new things. She emphasized that the presence of many major scientific and technological bodies and institutions are factors that can contribute to advancing scientific research and transforming it into tangible outputs and results. She also stressed the importance of cooperation and coordination between the Saudi Electronic University and the King Salman Center for Disability Research and the Children with Disability Association, and her keenness to increase this cooperation to serve people with disabilities. ”

• At the beginning of next month, the Saudi capital, Riyadh, will witness an exceptional event represented in the 6th International Conference on Disability and Rehabilitation, which is organized by the King Salman Center for Disability Research. How do you view this conference?

- The International Conference on Disability and Rehabilitation, which enjoys high royal attention and patronage from the Custodian of the Two Holy Mosques King Salman bin Abdulaziz, and close and direct follow-up from the Special Adviser to the Custodian of the Two Holy Mosques and Chairman of the Supreme Supervisory Committee of the Conference, His Royal Highness Prince Sultan bin Salman bin Abdulaziz, is one of the distinguishing signs in dealing with the issue of disability and serving it locally, regionally and globally. It is an exceptional event that witnesses the interaction of hundreds of researchers, specialists and those interested in the issue of disability in a gathering that will follow-up and implement the recommendations. This is what we have learned from previous conferences, which its recommendations have been transformed into practical measures, decisions and initiatives that have been implemented.

• In the 6th International Conference on Disability and Rehabilitation the winners of the King Salman International Award for Disability Research will be announced. In your opinion, what is the role of this Award in serving the cause of people with disabilities?

- The King Salman International Prize for Disability Research is the largest award in the world in the field of people with disabilities. It is an important international gathering that scientists, specialists, and researchers in the field of disability look forward to. It is a great incentive for them to compete, create and innovate. This serves the cause of people with disabilities and access to discoveries and inventions that improve the quality of life of people with disabilities. One of the factors of strength and importance of this award is that it is issued by the King Salman Center for Disability Research, which was founded by the Custodian of the Two Holy Mosques King Salman bin Abdulaziz, who sponsors the issue of disability a from tens of years, and this gives the award an exceptional momentum and impetus towards serving this category that is dear to all our hearts.



• In your capacity as president of the Saudi Electronic University. What is your view of the role that the university and other educational bodies can play in serving the issue of disability and related research and studies?

- The issue of disability is one of the important humanitarian issues that should receive attention and care from all parties that can present new things in it, or contribute to transforming related research, studies and ideas into a reality that reduces the suffering of people with disabilities and improves and their quality of life. HRH Prince Sultan bin Salman emphasized on many occasions that we must keep abreast of

**The issue of disability is one of the important humanitarian issues that should receive attention and care from all parties that can introduce new things**

the latest global developments in this regard and benefit urgently and practically from them and employ them to serve people with disabilities, and not be satisfied with theoretical studies that do not turn into practical applications, especially with the presence of empowerment, and the great interest of the state in the issue of disability and related research, and its sponsorship of all events that aim to serve this category. Also, we in the Kingdom have many large and advanced scientific, research and technological institutions that can contribute to advancing scientific research in this field and transforming it into tangible results, including King Abdulaziz City for Science and technology and others, and we at the Saudi Electronic University aspire to increase cooperation and integration with the King Salman Center for Disability Research and the Children with Disabilities Association more widely during the coming period so that we can provide everything we can to achieve this lofty message.

# Under Patronage of the Custodian of the Two Holy Mosques

## International Conference for Disability Research Kicks off



“ The Custodian of the Two Holy Mosques gave the issue of disability his special attention decades ago. His steps in support of the file of people with disabilities in the Kingdom constituted a bright march ”

Under the patronage the Custodian of the Two Holy Mosques King Salman bin Abdulaziz Al Saud, and with the care of His Royal Highness Prince Sultan bin Salman, Advisor to Custodian of the Two Holy Mosques and Head of the Executive Supervising Committee, the 6th International Conference for Disability and Rehabilitation held at Al-Faisal University in Riyadh, in an exceptional international scientific gathering. Hundreds of researchers, academics, and specialists in disability affairs from all over the world will participate, under the Royal patronage of the Custodian of the Two Holy Mosques. The King has given the disability issue his special attention for decades, and his effort to support people with disabilities in the Kingdom constituted milestones in a bright march led and supervised by Prince Sultan bin Salman through the Disabled Children's Association, then through King Salman Center for Disability Research. The Center was founded by the Association to form a large exceptional research institution aims to mix theme and variations and merging the vision with decisions to reach a unique situation that aims to change the prevailing stereotype of many conferences and events that aims to contemplate only or issuing recommendations without real follow-up to implement the outcomes and turn it into a reality. The Secretary-General of the King Salman Center for Disability Research and Head of the Organizing Committee for the Conference, Dr. Ahmed bin Abdulaziz Al-Tamimi, stressed the importance of such a global medical event, through which many outputs and recommendations that set a road map for people with disabilities to deal with them are launched. He indicated that the Chairman of the Board of Directors of the Center is keen to keep pace the latest development globally in the field of approach to disability in all medical, educational, psychological, and social fields. He added that the conference, in each version, has the participation of more than 30 countries though specialized doctors, researchers and stakeholders.

For his part, the Executive Director of Technical Affairs at King Salman Center for Disability Research and Member of the Organizing Committee for the Conference, Dr. Badr Saad AlHajhouj, stated that this year's conference will include the announcement of the winners of the King Salman International Award for Disability Research in its various branches, explaining that the conference's topics are



disability issues between research and practice, and empowerment issues between childhood and youth.

The Head of the Conference Registration and Events Committee and Member of the Scientific Committee, Dr. Ali Nasser Al-Odhaib, explained that the conference has invited a group of international and local speakers to participate and present their scientific research's results in many fields such as intelligence, the internet of things and the latest technologies for people with disabilities. He added that during the conference more than a hundred working papers, workshops and discussion panels will be presented, as well the most important results, in addition to exploring the future of disability research and most important challenges and ways to overcome them to prevent disability and minimize their impact and enhance life quality for people with disabilities.

The 6th edition of the conference will be attended by a group of prominent speakers, most notably H.E. Minister of Hajj and Umrah, Chairman of the Award Authority, and Vice Chairman of the Board of Trustees, Dr. Tawfiq bin Fawzan Al-Rabiah; H.E. Minister of Communications and Information Technology, Dr. Abdullah bin Amer AlSwaha; President of King Abdulaziz City for Science and Technology, Dr. Munir bin Mahmoud Eldesouki; Executive Director of the King Faisal Specialist and Research Center, Dr. Edward Kobler, in addition to inviting a number of specialists, including Dr. Geraldine Dawson specialist in Psychiatry and Behavioral Sciences at



Duke University, USA, she also works in Pediatrics and Psychology & Neuroscience; Dr. Fawzan bin Sami Al-Kuraya is Professor of Human Genetics at the College of Medicine, Alfaisal University, and Head of the Applied Genomics Department at King Faisal Specialist Hospital and Research Center; Member of the Board of the Directors and the Executive Committee of the European Disability Forum (EDF) Humberto Insolera; Dr. Maryam Al-Nafiei, Associate Professor in the Department of Information Technology at Taif University, who is currently researching on Intelligent Interactive Systems that enhance the awareness and ability of people with disabilities; Dr. Joseph j. Murray, the President of the World Federation of the Deaf and Secretary General of the International Disability Alliance; Dr. Mohammed Al-Dosari, member of the International Association for Autism Research, and others. It is worth noting that 385 scientific participations were submitted to the conference website, of which 91 were accepted.



memory of the conference



**Fourth Conference**

The fourth international conference was inaugurated under the patronage of the Custodian of the Two Holy Mosques King Salman bin Abdulaziz Al Saud, when he was the Crown Prince, during the period from 19 to 21 October 2014.

**The Conference Major Outcomes:**

- Start applying the scholarship program for people with disabilities
- Develop guidelines manuals for universal access



What did they say about the Conference?

**Necessary to Capitalize of Ideas**



The conference is a scientific gathering for specialists all over the world, 200 working papers have been presented, and in each conference, we came with distinct recommendations, which His Royal Highness Prince Sultan bin Salman is keen to implement and forming committees to follow up on the recommendation and implement them, and to benefit from the ideas presented during this conference. We are pleased with the attention of the Custodian of the Two Holy Mosques and HRH the Crown Prince to support all the requirements of people with disabilities, including their support for this international scientific conference, which shows the bright aspects of civilization and the Kingdom's efforts in addressing the issue of disability.

**H.E. Dr. Abdulrahman Al Suwailem**

Vice Chairman of the Board of Directors of the Association

**Independence and empowerment of people with disabilities**



The support that people with disabilities receive from the Custodian of the Two Holy Mosques and HRH Crown Prince is an affirmation of the care and empowerment they receive and ensuring their independence in society. The issue of disability has been among Kingdom's Vision 2030 goals to ensure that people with disabilities have access to appropriate job, education and training opportunities that guarantee their complete independence. What has been achieved in the initiatives of the National Transformation and the Human Capacity Development programs is to make the environment safe and accessible, and the Authority of People with Disability works with all government sectors to enhance all services provided to people with disabilities by raising awareness and lift all barriers that impede their inclusion in society.

Since its establishment, the Authority has been pleased to cooperate with King Salman Center for Disability Research to fully benefit from all scientific research that has had a profound impact in creation an enabling and comprehensive environment for them.

**Dr. Hisham Al-Haidari**

Chairman of the Authority of People with Disability



# King Salman International Award for Disability Research: Impact and Outreach

The award was launched from a lofty goal represented in encouraging local, regional, and global efforts aimed at enriching science and knowledge in the various fields of disability. This award has many features that distinguish it from others, foremost of which is that it bears the name of the Custodian of the Two Holy Mosques King Salman bin Abdulaziz, and it is the only one in the world in this field that bears the name of a leader and head of state. This has human and intellectual connotations. Another feature of this award is that it is granted to researchers, scientists, and entities who have had distinguished scientific contributions in the fields of disability and improved the conditions of individuals with living, health, educational and psychological disabilities, and therefore it is not just an award presented in exchange for a specific research or project, but rather for a long history of achievement, giving and innovation. A third uniqueness of this award is its comprehensiveness, as it covers the five areas related to disability; health and medical, educational, and psychological, rehabilitative, and social, technical applications, and universal access, and this comprehensiveness and integration is unparalleled worldwide. Another uniqueness of this award is reflected in its widespread, as 380 researchers and scientists representing all continents of the world from 46 countries competed to apply for it. Thus, this award is the most widespread in the world, and the fifth feature of the award is that it is the largest ever in the world in terms of its financial prizes. The nomination mechanism for the award also has its own character. It is based on nomination by local, regional, and international disability research



**Dr. Abdullah Al-Jughaiman**  
Chairman of the Award Committee

centers and scientific departments in universities. There is also an opportunity for self-nomination and peer nomination, which contributed to raising the level and quality of applicants and candidates for the award. The award commits itself to strict standards and procedures in making its decisions to ensure that its choices enjoy credibility, which commensurate with its global status as it bears the name of the Custodian of the Two Holy Mosques King Salman bin

Abdulaziz. The selection of the winners proceeds through procedural steps governed by precise criteria that invest in the data of specialized global search engines such as Clarivate, where the criteria adopted are for the size of influence and the classification of the scientific vessel of the candidate's scientific production, the volume of concentration and scientific production in the field of disability according to the category nominated for (scientific studies, books), professional contributions, or community initiatives undertaken by the applicant, which serve the fields of disability, and the extent of the contribution of his scientific production in supporting the field of people with disabilities at the national and global level, and finally the scientific status of the candidate in the field of disability.

Today, the award has completed its third session, and achieved distinguished successes, represented in its uniqueness, distinction, widespread and depth of its impact. Thanks and gratitude must be directed to whom its idea emerged, His Royal Highness Prince Sultan bin Salman bin Abdulaziz, Chairman of the Board of Trustees of the King Salman Center for Disability Research, who led it to universality with his thought, farsightedness, and broad horizons, and the award today, thanks to Allah Almighty, and then thanks to his leadership, has become an important incentive that spreads enthusiasm in the hearts of researchers and scientists to bring about qualitative research shifts in the field of disability whose effects are reflected in improving the standard of life experienced by individuals with disabilities.

## Timetable Scientific 6th International Conference on Disability

8:00am–4:00pm		DAY 2 - 5 DECEMBER 2022			REGISTRATION	
Chairperson: Dr. Hisham Alhaidary - CEO at Authority of People with Disability						
9:00 AM - 9:30 AM	Dr. Samia J. Khoury - Winner of the King Salman Award for Disability Research – Health and Medical Sciences Branch					
9:30 AM - 10:00 AM	M.r Darryl Barrett - WHO Global Report on Health Equity for Persons with Disabilities					
10:00 AM - 10:15 AM	Q & A Session					
10:15 AM - 10:30 AM	COFFEE BREAK					
Room Time	Main Auditorium Moderator Mr. Waleed Saleh Al yahya	Auditorium 1 Moderator Dr. Hisham Haidari	Auditorium 2 Moderator Dr. Mohammed Alrajih	Auditorium 3	Auditorium 4	Auditorium 5
10:30 AM - 10:50 AM	Indicators of life's quality for individuals with disabilities in KSA  Dr. Turki Halabi	A systematic review of autism research in the Arab world  Dr. Faisal Alnimari	Analysis of transcript-deleterious variants in Mendelian disorders: implications for RNA-based diagnostics  Dr. Sateesh Maddirevula	Saudi Mental Health Program  Dr. Yasmin Altwaijri	Assistive techniques in facilitating challenges  Dr. Amal Alsaif Ahmed Atarfaj	Toilet training for children with developmental disabilities  Dr. Ahmad Eid
10:50 AM - 11:10 AM	The Kingdom's Efforts to Empower people with Disabilities  Dr. Duha Olwi Alibraheim	Validation of the Arabic version of the SCQ  Dr. Mohammed Aldosari	Endocytosis regulatory proteins, synaptojanin-1 and intersectin-1, linked to Alzheimer's disease in Down's syndrome  Dr. May Alwasmi	<b>Moderators</b> Prof. Abdullah Alsubaie Dr. Abdulhameed Athabeeb		
11:10 AM - 11:30 AM	The importance of applying universal access standards in mosques  Eng. Mukhtar Mohamed Alshibani	Autism Spectrum Research in the GCC Countries: Current Status and Future Directions  Dr. Yahya Al-Farsi	C1orf131 a novel nucleolar protein cause microcephaly  Dr. Arwa Khyat	<b>Workshop Session Speakers</b> Dr. Abdulaziz Alangari Dr. Sarah Najm Dr. Haya S. Zedan Dr. Ahmad Alhadi Dr. Lubna Nasser		
11:30 AM - 11:50 AM	Framing Difference: A Content Analysis of Disability  Dr. Majedh Saleh Al swih	Innovative Tools for Autism Diagnosis  Dr. Mohammed Aldosari	Novel Lower Limb amputee in children  Dr. Zayd Al-Zayd			
11:50 AM - 12:10 PM	Q & A Session					
12:00 PM - 1:00 PM	DHUHR PRAYER & LUNCH BREAK (POSTER SESSION)					
1:00 PM - 1:30 PM	Signing agreements with His Highness the Chairman of the Board of Trustees					
1:30 PM - 3:00 PM	Discussion session Main Auditorium					
ASR PRAYER						

# 6th International Conference on Disability and Rehabilitation

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مدينة الملك عبد العزيز  
للعلوم والتقنية KACST

وزارة التعليم  
Ministry of Education

### Organizing entities