



# WorldSkills Conference 2017

Skills strategies for a globalized world

## Programme



Hosted in partnership with

### ACTVET

Abu Dhabi Centre for  
Technical and Vocational  
Education and Training

مركز أبوظبي  
للتعليم والتدريب  
التقني والمهني

**16–17 October 2017**

ADNEC, Abu Dhabi, UAE

[www.worldskillsconference.com](http://www.worldskillsconference.com)

#WSConference @WorldSkills

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## Introduction by the President and the CEO of WorldSkills

For nearly seventy years WorldSkills has been promoting skills in a unique way — through competitions on the national, regional, and international level. Skills competitions are one of the most effective ways to reach the audiences that are the most important to increase uptake of TVET, young people themselves, and their influencers — parents and teachers, but they are only part of the solution.

As the leaders of WorldSkills we have long been aware that our community and broader network includes a Who’s Who of the leadership of TVET, and vocational training. This includes representatives of governments, international organizations, and business. All of us have similar challenges and yet we rarely have the opportunity to debate the fundamental issues this sector faces.

Except for in a handful of countries there is still not “parity of esteem” between vocational and academic education. At the same time TVET systems have not kept up to speed with the changing demands of the economies that they serve. This mismatch will become greater with the acceleration of the technological changes that we are already witnessing.

Last year global youth unemployment rates rose for the first time in three years, with the International Labour Organization (ILO) estimating that the rate was 13.1%. That is 71 million young people out of work. In some of the regions where WorldSkills is most active, such as Asia, including the Middle East and North Africa, the proportion of young people out of work is much higher.

Until now there has not been an opportunity for our network to debate these issues together, and to help to shape the agenda of governments and businesses. We very much hope that the WorldSkills Conference 2017 will start to change this.

Over the coming two days you will hear from some of the leading organizations that will be instrumental in overcoming the challenges of global youth unemployment, the skills gap, and the imminent Fourth Industrial Revolution. We hope that you will all contribute to the debate within the conference halls and beyond.

This Conference would not have been possible without the support of our Conference Coalition. We would like to thank them, and the hosts of WorldSkills Abu Dhabi 2017, ACTVET. We would also like to acknowledge the hard and determined work of the Chair of the Conference Coalition and WorldSkills Board member, Laurence Gates. Thank you to her and the members of the WorldSkills Secretariat who have made this conference possible.

WorldSkills Conference 2017 is the first in what will become an annual gathering. Please do take the time to visit our stand in the Atrium where you can learn more about WorldSkills Conference 2018, which will be held in Amsterdam in October next year.



*Simon Bartley*  
**Simon Bartley**  
 President of WorldSkills



*David Hoey*  
**David Hoey**  
 CEO of WorldSkills

# Welcome message — His Excellency Mubarak Saeed Al Shamsi

For the emirate of Abu Dhabi to realize its vision of transitioning to a sustainable, diversified, knowledge-based economy, vocational skills must play an integral role.

The value of such skills is immense and undeniable. They underpin industry; inspire creativity and critical thinking; enrich the careers of those who possess them, and the economies and societies to which they contribute; and unlock the innate talent of the individual while serving a wider, collective purpose.

However, the need to promote the importance and impact of technical and vocational education and training, and the widespread benefit that ensues from the skills it nurtures, is constant. Vocational skills are not a niche, applicable to certain countries but not to others. They are a universal, global driver of thriving economies and strong, engaged communities, transferable from one generation to the next and always relevant to the fabric of all nations.

Abu Dhabi recognizes this. Both the UAE Vision 2021 and the Abu Dhabi Economic Vision 2030 crystallize our commitment to building a globally-competitive economy for the post-hydrocarbon age; an economy characterized by innovation, opportunity, and a deep and diverse pool of human capacity, equipped with skills that match and meet the needs and the nature of a dynamic, agile, forward-thinking industrial and private sector.

The greatest natural resource that Abu Dhabi has at its disposal is its people. And the pipeline for this resource is the one that enables the fulfillment of their potential.

Hosting WorldSkills Abu Dhabi 2017, and bringing the world's largest and most prestigious vocational skills competition to the Middle East and North Africa region for the first time, presents an unprecedented platform from which to energize

and enhance our national and regional skills culture. Through the WorldSkills Conference 2017, we have a wonderful opportunity to address challenges, debate key issues, and identify solutions in the sphere of vocational skills with thought-leaders and policymakers from all corners of the globe.

The networks of knowledge that we build, and the ideas that we exchange, through this Conference will be invaluable in our journey toward the realization of Abu Dhabi's goals.

We are delighted and honored to welcome the global vocational skills community — a community that Abu Dhabi Centre for Technical and Vocational Education and Training is so proud to be part of the dynamic and ambitious city of Abu Dhabi. We look forward to a successful, insightful Conference that helps to set the compass for guiding the future profile, progress, and impact of vocational skills throughout the world.



**His Excellency Mubarak Saeed Al Shamsi**

*Director General of Abu Dhabi Centre for Technical and Vocational Education and Training*



# Welcome message Conference Coalition



Wherever I travel, throughout the world, I am struck that we are all facing similar challenges. The phrases “skills gap”, “skills shortage”, and “youth unemployment” are universal. These issues not only have a direct impact on the individual career choices of young people, but they also frame the global debate on skills, and vocational training and education.

This is why it is such a pleasure to be able to welcome you to the first WorldSkills Conference. We hope to offer you the unique opportunity to explore the changing skills demands of the globalized world, and the required response alongside other leading figures from industry, governments, international organizations, and academia.

The WorldSkills Conference 2017 would not have been possible without the support of our inspiring and committed Conference Coalition, which brings together the international and regional organizations that are leaders in TVET. This is a powerful coalition. WorldSkills is an ideal platform for these Partners, which include UN agencies, the European Union, research institutions, policy and thought leader organisations, educators, and employers, to seek solutions for these skills related challenges.

Each of the Partners is committed to creating an outstanding experience for all our delegates. Together, we are extremely proud of this year’s programme of activities and we hope that you’ll take full advantage of the chance to not just learn from your peers, but also help shape future discussion.

The conference is held against the backdrop of the WorldSkills event, where close to 1,300 Competitors from 60 countries and regions will

gather together for the chance to win a prestigious WorldSkills medal in their chosen skill. As well as being the greatest skills competition, WorldSkills is a unique opportunity for all the countries and regions that participate to benchmark their vocational education and training systems. As a conference delegate you will have the chance to get close to the action with a VIP tour on the second day of the Conference, which will immerse you in the true spirit of WorldSkills.

Together, let us give our youth the recognition it deserves and celebrate the skills that are such an essential part of our future.

We hope that you find your experience both valuable and inspirational. And please don’t forget that we have already confirmed the dates for WorldSkills Conference 2018 in Amsterdam. So make sure it’s in your diary, so you can join us as we continue to improve our world with the power of skills!



**Laurence Gates**  
WorldSkills Board member,  
Chair of the Conference Coalition

# Welcome message WorldSkills Champions Trust

## Marhaba! Welcome to Abu Dhabi!

We are delighted to welcome you to WorldSkills Conference 2017 and to introduce you to the work of the WorldSkills Champions Trust.

The WorldSkills Conference 2017 is an innovation that the Champions Trust welcomes enthusiastically. The debates that you will have over the coming two days are not just theoretical. These issues have a direct impact on our lives, and those of our peers. The decisions that the delegates of this conference make in national governments, international organizations, and businesses will have a bearing on our generation’s future. We are honoured that we can join you throughout these important debates.

It is our privilege before the WorldSkills Conference 2017 to participate in the International TVET Youth Forum. We will be working with 300 youth from around the world to emphasize that technical vocational education and training (TVET) is the key to solving many future challenges and to reach our global goals.

We are all former WorldSkills Competitors and between us we have represented our countries at the past three Competitions — in London in 2011, in Leipzig in 2013 and in São Paulo in 2015. We represent nine different countries and cultures, our experience in TVET is large and diverse. We look forward to sharing our experiences and discussing ways to enhance training systems for young people now and in the future.

Our lives have been transformed by our WorldSkills experience and we’re all extremely passionate about the opportunities it creates. Our aim for the coming days is that you will share this enthusiasm as you experience WorldSkills Abu Dhabi 2017.

We look forward to meeting you and being your guides on this journey.

**WorldSkills Champions Trust**  
[www.worldskills.org/what/career/champions-trust](http://www.worldskills.org/what/career/champions-trust)



Left to right: Chirag Goel, Gary Condon, Tayla Schou, Jenica Branscombe, Anna Prokopenia, Rachel Chloe Chua, Victor Simon, Barthélémy Deutsch (absent — Ricardo Vivian)

# WorldSkills Conference APP

Download the **WorldSkills Conference App** from the App Store and have **exclusive access** to delegate information and the ability to **connect** with speakers.



## Conference Agenda

16 OCTOBER 2017

| TIME  | CONFERENCE ROOM A  | CONFERENCE ROOM B  |
|-------|--|--|
| 08:30 | Welcome  |  |
| 09:00 | Opening plenary<br>Part 1: Voice of the Youth: Ground Realities in the Age of Disruption<br><br>Part 2: Shaping Future-Facing TVET Policy Today<br>Panel<br><i>International Ministers and youth</i> |  |
| 10:00 | Coffee Break   |  |
| 10:30 | What skills do employers really need?<br>Panel   | Skills for a new and transforming economy: Demand<br><br>Keynote, Panel, and Workshop        |
| 11:30 | Skills Development in Cities: Powering the engines of economic growth<br>Panel Debate  |  |
| 12:30 | Lunch  |  |
| 13:30 | Jobs and skills mismatch<br>Keynote followed by Panel  | Enabling a generation to work: innovative approaches to tackling youth unemployment<br>Panel |
| 15:00 | Coffee Break   |  |
| 15:30 | Skills and Careers without Borders — First Session: Identification of changing skills demands<br>Panel   |  |
| 17:30 | Session end  |  |
| 18:00 | Networking Reception, ADNEC  |  |

## Conference Agenda

17 OCTOBER 2017

| TIME  | CONFERENCE ROOM A   | CONFERENCE ROOM B   |
|-------|---|---|
| 08:30 | Connecting creativity and technology. How do they collaborate and coexist?<br>Debate                                    | Implications of global economic trends and market forces for anticipated skill needs<br>Panel |
| 09:15 | Skills and Careers without Borders — Second Session: Towards new coordination and governance approaches<br>Panel Debate | Global Skills Snapshot: A look at three systems<br><i>(commences at 09:30)</i><br>Workshop    |
| 10:30 | Coffee Break  |   |
| 11:00 | How do we shape the education system today to be adaptive for future change?<br>Panel                                   | Skills for a new and transforming economy: Response<br><br>Keynote, Panel, and Workshop       |
| 11:45 | Skills and Careers without Borders — Third Session: How to promote skills without borders?<br>Panel Debate              |   |
| 12:45 | Lunch   |   |
| 13:45 | VIP tour of the WorldSkills Competition with WorldSkills Honorary Members and WorldSkills Champions Trust               |   |
| 15:00 | Coffee Break  |   |
| 15:30 | Closing Plenary<br><i>International Ministers and youth</i>   |   |
| 16:45 | Closing Summary   |   |
| 17:00 | Conference End  |   |
| 19:00 | Conference Dinner <i>(departures from ADNEC to be advised)</i>  |   |

08:30–09:00

Conference Room A

## WELCOME

|                                 |                       |                           |
|---------------------------------|-----------------------|---------------------------|
| H.E. Hussain Ibrahim Al Hammadi | Minister of Education | UAE                       |
| Simon Bartley                   | President             | WorldSkills International |
| H.E. Mubarak Saeed Al Shamsi    | Director General      | ACTVET                    |

09:00–10:00

Conference Room A

Opening Plenary

PART 1: VOICE OF THE YOUTH: GROUND REALITIES  
IN THE AGE OF DISRUPTION

Today's youth are best placed to testify to the age of disruption. This is part of the rationale behind the organization of the first International TVET Youth Forum in Abu Dhabi. Participants from the Youth Forum, Ministers and representatives of WorldSkills' partner organizations discuss the priorities that the youth have defined during their collaboration (e.g. Diversity and inclusion in TVET, shaping an entrepreneurial generation, preparing for Industry 4.0 etc.).

## Speakers include

|   |   |  |
|---|---|--|
| Lyse Doucet<br>(Moderator and Conference emcee) | Chief International Correspondent                               | BBC News   |
| H.E. Hussain Ibrahim Al Hammadi                 | Minister of Education   | UAE  |
| H.E. Ruel Reid                                  | Minister of Education Youth and Information                     | Jamaica  |
| H.E. Kim Young-Joo                              | Minister of Labor and Employment                                | Korea  |
| Michel Servoz                                   | Director General of Employment,<br>Social Affairs and Inclusion | European Commission  |
| Anna Prokopenya                                 | Representative for Europe                                       | WorldSkills Champions Trust                                    |
| Sara Ahmad                                      | Engineer  | Spectrum Quality, Telecommunications Regulatory Authority, UAE |

## PART 2: SHAPING FUTURE-FACING TVET POLICY TODAY

As outlined in the Education 2030 Agenda, vocational education is key to resolving some of the most pressing global challenges: youth unemployment, environmental sustainability, and the global skills gap, to name a few. Ministers of WorldSkills member countries, representatives of WorldSkills' partner organizations and young professionals discuss policy-level solutions to building a TVET agenda that is adapted to the needs of the future.

## Speakers include

|   |  |                              |
|---|--|------------------------------|
| Lyse Doucet<br>(Moderator and Conference emcee) | Chief International Correspondent  | BBC News                     |
| H.E. Hussain Ibrahim Al Hammadi                 | Minister of Education  | UAE                          |
| H.E. Sanni Kaisa Grahn-Laasonen                 | Minister of Education and Culture  | Finland                      |
| Eline Neves Braga Nascimento                    | Secretary General for TVET   | Ministry of Education Brazil |
| H.E. Mubarak Saeed Al Shamsi                    | Director General   | ACTVET                       |
| Montserrat Gomendio                             | Deputy Director for Education<br>and Skills and Head of OECD Centre for Skills | OECD                         |
| Jenica Branscombe                               | Representative for Americas  | WorldSkills Champions Trust  |

Please note — speakers correct at time of print and subject to change ahead of the event

10:30–11:30

Conference Room A

## WHAT SKILLS DO EMPLOYERS REALLY NEED?

In partnership with British Council and City &amp; Guilds

The primary challenge of any skills development system is to provide what industry requires. Through two panels – one with a range of employers and the other from education – this session will explore if educators are equipped to meet the needs of employers, and whether employers always request the skills that are vital for long term growth, especially in the context of globalization and other shocks to the labour market. The changing requirements of employers in the GCC will be addressed in detail.

## Speakers include

|                               |                               |                                  |
|-------------------------------|-------------------------------|----------------------------------|
| Tracy Ferrier (Session Chair) | Global Skills Lead            | British Council                  |
| Kirstie Donnelly              | Managing Director             | City & Guilds                    |
| Helmut Schwarzl               | CEO                           | Geberit Produktions GmbH & Co KG |
| Sabrin Rahman                 | MD                            | HSBC                             |
| Raymond Patel                 | CEO                           | merSETA                          |
| Sleem Al Habsi                | Head of Language and Learning | Caledonian College               |
| Zulfiqar Ahmad Cheema         | Executive Director            | NAVTC                            |

10:30–12:30

Conference Room B

## SKILLS FOR A NEW AND TRANSFORMING ECONOMY: DEMAND

In partnership with WorldSkills Kazan 2019

The fourth industrial revolution is upon us and the reality of highly-automated manufacturing, and services, that operate within complex digital ecosystems, is transforming all economic activity. With it comes a plethora of opportunities, but also many risks. So, what skills are needed for this new economy? And how will workplaces be required to change? This exploration of the demands of the economy of the future will begin with the results of a series of foresight sessions with leaders in industry, international organizations, and education.

## Speakers include

|  |   |  |
|--|---|--|
| Pavel Luksha (Session Facilitator)         | CEO   | Global Education Futures                                       |
| Ekaterina Loshkareva (Session Facilitator) | Deputy Director General for<br>Research and Development | WorldSkills Russia   |
| Dr. Carl Frey                              | Co-Director   | Oxford Martin Programme on Technology and Employment           |
| Dr. Michael Tiemann                        | Senior Researcher                                       | Federal Institute for Vocational Education and Training (BIBB) |
| Dr. Andrew Van Schaack                     | Associate Dean, Online Programs                         | Vanderbilt University  |
| Peter Thiele                               | Deputy Director VET Policy                              | German Federal Ministry of Education and Research              |
| Shobha Mishra Ghosh                        | Senior Director of Commerce<br>and Industry             | Federation of Indian Chambers                                  |
| Matt Bell                                  | Global Strategic Partnerships Manager                   | Autodesk   |

Please note — speakers correct at time of print and subject to change ahead of the event

11:30–12:30 *Conference Room A***SKILLS DEVELOPMENT IN CITIES:  
POWERING THE ENGINES OF ECONOMIC GROWTH***In partnership with British Council*

Cities are places of extremes. In urban centres opportunities for citizens, educators, and employers are intensified but so are challenges. Cities are also the driving forces in modern economies, and they require sustainable skills solutions to ensure economic growth that provides opportunities for all. So, how can universal skills solutions be achieved? Also, what consequences do borders within societies have and how can they be broken down? This session will include leaders in skills development from cities with contrasting demographics and challenges.

**Speakers Include**

|                              |   |  |
|------------------------------|---|--|
| Neil Bentley (Session Chair) | <i>Chief Executive Officer</i>              | WorldSkills UK   |
| Manail Ahmed                 | <i>Senior Programme Manager</i>             | King Abdullah Economic City  |
| Manish Kumar                 | <i>MD &amp; CEO</i>                         | National Skill Development Corporation (NSDC), Government of India |
| Rachel Chua                  | <i>Representative for Oceania and ASEAN</i> | WorldSkills Champions Trust  |

13:30–15:00 *Conference Room A***JOBS AND SKILLS MISMATCH***In partnership with ILO*

Why does global unemployment remain persistently high, when so many roles are unfilled? This session will examine the impact of skills mismatch on labour markets. In a far-reaching assessment, the role of low quality education, demographic change, rapid technological development, new sources of job creation, and newly created forms of work organization will be discussed. This will be done through the prism of an overview of jobs and skills mismatch research, as well as an examination of policy gaps.

**Speakers Include**

|  |   |   |
|--|---|---|
| Olga Strietska-Ilina (Session Moderator) | <i>Skills &amp; Employability Specialist</i>        | ILO   |
| Paul Comyn                               | <i>Senior Skills &amp; Employability Specialist</i> | ILO   |
| Seamus McGuinness                        | <i>Professor</i>                                    | Economic and Social Research Institute, Ireland |
| Nazrene Mannie                           | <i>Beyond Advocacy Fund Manager</i>                 | Business Leadership South Africa                |
| Anna Byhovskaya                          | <i>Policy Advisor</i>                               | TUAC France                                     |
| Sunita Sanghi                            |   | NITI Aayog India                                |

*Please note — speakers correct at time of print and subject to change ahead of the event*13:30–15:00 *Conference Room B***ENABLING A GENERATION TO WORK:  
INNOVATIVE APPROACHES TO TACKLING YOUTH UNEMPLOYMENT***In partnership with Global Apprenticeship Network (GAN)*

All stakeholders, including public, private and civil society organizations, stand to benefit from investing time and resources in the issue of youth unemployment. As our world continues to change, it is estimated that by 2025 roughly 60% of youth entering the workforce will be training for jobs that do not yet exist...A dramatic shift in thinking is required. This moderated panel discussion will facilitate the sharing of best practices with a particular focus on private sector-led initiatives. As well as looking at some of the innovative employer-led solutions that have reaped rewards, attendees will also be encouraged to share their own success stories and inspire discussion. And we'll be asking - what more could all stakeholders be doing to get young people skills that lead to a decent job.

**Speakers Include**

|                                |  |                                     |
|--------------------------------|--|-------------------------------------|
| Steph McGovern (Session Chair) | <i>Broadcaster</i>   | BBC                                 |
| Kathryn Porter                 | <i>Director of Youth Strategy for Europe, Middle East and Africa</i> | Hilton                              |
| Shea Gopaul                    | <i>Executive Director</i>  | Global Apprenticeship Network (GAN) |
| Christophe Montagnon           | <i>Chief Information Office</i>                                      | Randstad France Group               |
| David Shearer                  | <i>CEO</i>   | ISC2.org                            |
| Tayla Schou                    | <i>Representative for Africa</i>                                     | WorldSkills Champions Trust         |

15:30–17:30 *Conference Room A***SKILLS AND CAREERS WITHOUT BORDERS****FIRST SESSION: Identification of changing skills demands***In partnership with the European Commission, European Training Foundation, and Cedefop*

The globalization of skills and careers is one of the most pressing challenges to national education and training systems. Technologies, companies, and markets are no longer limited by borders, and the workforce is increasingly mobile both physically and digitally. In the first of three sessions organized by the European Commission, the focus is on skills anticipation and development in a global context, and how education and training can respond to rapidly changing demands. The panel will also address how an ever more global labour market influences skills needs.

**Speakers Include**

|                                   |   |  |
|-----------------------------------|---|--|
| Michel Servoz (Session Moderator) | <i>Director General</i>                               | European Commission, DG EMPL                               |
| Joyce Bijl                        | <i>Managing Director of Adecco Middle East Adecco</i> |  |
| Margarida Segard                  | <i>Vice-President</i>                                 | European Association of Institutes for Vocational Training |
| Peter Thiele                      | <i>Deputy Director</i>                                | German Federal Ministry of Education and Research          |
| Martha Schultz                    | <i>Vice-President</i>                                 | Eurochambres and of the Austrian Federal Economic Chamber  |
| Barthélémy Deutsch                | <i>Representative for Europe</i>                      | WorldSkills Champions Trust                                |

*Please note — speakers correct at time of print and subject to change ahead of the event*

08:30–9:15 *Conference Room A***CONNECTING CREATIVITY AND TECHNOLOGY.  
HOW DO THEY COLLABORATE AND COEXIST?***In partnership with WorldSkills Abu Dhabi 2017*

One of this conference's central themes — matching skillsets with future and current needs — comes into sharp focus in this examination of the relationship between creativity and technological innovation. Two leaders, one from the creative sector, and one with a high-tech background discuss the tensions and synergies between new technologies and creativity. They will also ask how important a “traditional” skillset is today for the new generation, and for the economy as a whole, as we prepare for the skills of the future.

**Speakers include:**

|  |  |   |
|--|--|---|
| Jamal N. Al-Karakji, Ph.D. (Session Moderator) | <i>Division Head</i>                                 | Information Security Engineering Technology<br>Abu Dhabi Polytechnic Rashed |
| Al Shaali                                      | <i>Assistant Professor Architectural Engineering</i> | United Arab Emirates University Al Ain                                      |
| Badr Al Olama                                  | <i>CEO</i>   | Strata Manufacturing  |

08:30–9:30 *Conference Room B***IMPLICATIONS OF GLOBAL ECONOMIC TRENDS AND  
MARKET FORCES FOR ANTICIPATED SKILL NEEDS***In partnership with UNESCO*

This session aims to discuss the implications of global economic trends and market forces on anticipated skill needs and mismatches, and the responses of education and training systems. It will look at the way skills can address the youth unemployment crisis and inequality. The session will discuss how information on global trends in skill needs is used by countries to review, and renew their education and training provisions. It will also provide a platform for sharing international experiences and lessons learned, to support coordination and dialogue between education and training, including labour market actors in different regions of the world.

**Speakers Include**

|   |   |  |
|---|---|--|
| Dr. Ghaith H. Fariz (Session Moderator) | <i>Director</i>                                   | UNESCO Regional Bureau for Sciences in the Arab States<br>and UNESCO Representative to Egypt |
| James Calleja                           | <i>Director</i>                                   | Cedefop  |
| Mark Keese                              | <i>Head of the OECD Centre for Skills</i>         | OECD   |
| Peter Greenwood                         | <i>Coordinator Strategic Support in Education</i> | ETF  |

*Please note — speakers correct at time of print and subject to change ahead of the event*09:15–10:15 *Conference Room A***SKILLS AND CAREERS WITHOUT BORDERS****SECOND SESSION: Towards new coordination and governance approaches***In partnership with the European Commission, European Training Foundation, and Cedefop*

In a globalized world, where skills know no borders, how can education and training providers respond to changing skills demands? In the second session on this subject, a panel will ask how international standards and requirements influence national education and training provisions. They will discuss also what kind of cooperation and coordination mechanisms will be required in the future, including an assessment of how vocational education and training providers can improve dialogue with national and international employers.

**Speakers Include**

|                                     |   |   |
|-------------------------------------|---|---|
| Cesare Onestini (Session Moderator) | <i>Director</i>   | European Training Foundation (ETF)                |
| Osman Yildiz                        | <i>Secretary General</i>  | HAK-İŞ Confederation of Turkish Real Trade Unions |
| Rodion Kolychko                     | <i>Deputy Director-General</i>                                    | Confederation of Employers of Ukraine             |
| Elnur Suleymanov                    | <i>Head of Department of Employment<br/>Policy and Demography</i> | Ministry of Labour, Azerbaijan                    |
| Luisa Coutinho                      | <i>Executive Director</i>   | International Welding Federation                  |

09:30–10:30 *Conference Room B***GLOBAL SKILLS SNAPSHOT: A LOOK AT THREE SYSTEMS***In partnership with British Council*

What lessons can be learned from the structure, and organization of different skills systems? Here, we assess three countries including one in the Gulf, one in Europe, and an emerging economy. The panel members will reflect on the shared, but also distinct, challenges of their national framework. This will include an assessment of the role of emerging industries, and the need for internationally recognized qualifications. Following the panel the session will break into marketplaces for more in-depth consideration of each country.

**Speakers Include**

|                                    |   |   |
|------------------------------------|---|---|
| Monserrat Gomendio (Session Chair) | <i>Deputy Director for Education and<br/>Skills and Head of Centre for Skills</i> | OECD  |
| Mark Dawe                          | <i>Chief Executive</i>  | AELP  |
| Rajesh Agrawal                     | <i>Joint Secretary</i>  | Ministry of Skill Development & Entrepreneurship, Government of India |
| Emma Meredith                      | <i>Director of International</i>  | Association of Colleges   |
| Paul Lewis                         | <i>International Director</i>   | City & Guilds   |
| Jonathan Ledger (Marketplace host) | <i>TVET Specialist</i>  | Education Division, Department for International Trade                |

*Please note — speakers correct at time of print and subject to change ahead of the event*

11:00–11:45 *Conference Room A***HOW DO WE SHAPE THE EDUCATION SYSTEM TODAY TO BE ADAPTIVE FOR FUTURE CHANGE?***In partnership with WorldSkills Abu Dhabi 2017*

What will be the face of the future labour and skills market? And how should education systems be shaped so that specialists can orientate themselves in a world of permanent technological change? This international panel, which brings together global and UAE experts from education, human resources and industry, will discuss what changes modern vocational education systems must introduce to identify, and prepare for, future skills and ever changing job markets.

**Speakers Include**

|  |  |   |
|--|--|---|
| Jamal N. Al-Karakji, Ph.D. (Session Moderator) | <i>Division Head</i>                           | Information Security Engineering Technology<br>Abu Dhabi Polytechnic Rashed<br>Khalifa University |
| Dr. Arif Sultan Al Hammadi                     | <i>Executive Vice President</i>                | Etitahad  |
| Wissam Hachem                                  | <i>Vice President Learning and Development</i> | Zayed University  |
| Dr. Riad Abdul Latif Al Muhaidib,              | <i>Vice-president</i>                          | Paris Sorbonne University Abu Dhabi, UAE  |
| Maryam Mohammed AlHashmi                       | <i>Student</i>                                 |   |

11:00–12:45 *Conference Room B***SKILLS FOR A NEW AND TRANSFORMING ECONOMY: RESPONSE***In partnership with WorldSkills Kazan 2019*

Building upon the challenges identified in the session on the demands of the new and transforming economy, this discussion will centre on solutions for skills development. Questions to be addressed include: should new training formats and programmes be considered? Should school curricula and qualifications change to better prepare future skilled workers? And what role may new technologies have in the delivery of future training programmes? The group discussions will be organized by region to allow discussion of solutions and best practices in local markets.

**Speakers Include**

|   |   |   |
|---|---|---|
| Pavel Luksha (Session Facilitators)         | <i>CEO</i>  | Global Education Futures                |
| Ekaterina Loshkareva (Session Facilitators) | <i>Deputy Director General for Research and Development</i> | WorldSkills Russia                      |
| Georgette Yakman                            | <i>Founding Researcher and Creator</i>                      | STEAM education                         |
| Olivier Crouzet                             | <i>Head of Pedagogy</i>                                     | 42                                      |
| Dr. Ernst Andreas Hartmann                  | <i>Director</i>   | Institute for Innovation and Technology |
| Dr. Andrew Van Schaack                      | <i>Associate Dean, Online Programs</i>                      | Vanderbilt University                   |
| Pierre Dubuc                                | <i>Co-founder</i>   | OpenClassrooms                          |
| John Schwartz                               | <i>Head of Enterprise Business Development</i>              | edX                                     |

*Please note — speakers correct at time of print and subject to change ahead of the event*11:45–12:45 *Conference Room A***SKILLS AND CAREERS WITHOUT BORDERS****THIRD SESSION: How to promote skills without borders?***In partnership with the European Commission, European Training Foundation, and Cedefop*

In the concluding session examining the transnational character of skills and careers, a panel representing education, business, and policymakers, will ask why vocational qualifications are not covered by existing, international agreements on recognition. It will pinpoint the concrete steps that must be taken to address the globalization of skills and careers, and attempt to lay the groundwork for a pilot scheme for international VET mobility.

**Speakers Include**

|                                   |   |   |
|-----------------------------------|---|---|
| James Calleja (Session Moderator) | <i>Director</i>   | Cedefop   |
| Monserrat Gomendio                | <i>Deputy Director for Education and Skills and Head of Centre for Skills</i> | OECD  |
| Kenneth King                      | <i>Professor Emeritus</i>   | University of Edinburgh, United Kingdom                     |
| Cristina Cofacci                  | <i>Industrial Relations and Labour Law Manager</i>                            | Enel  |
| Jose Luis Fernandez               | <i>International Affairs Director</i>   | The Basque Center of Research and Applied Innovation in VET |

15:30–17:00 *Conference Room A* *Closing Plenary***THE ROAD AHEAD: DELIVERING A COMMON TVET AGENDA**

Policy-makers, practitioners and young professionals: the 2017 WorldSkills Conference brings together a variety of actors from the skills and TVET ecosystem. In the first part of the Closing Plenary, speakers will delve into lessons learned from the WorldSkills Conference. They will then look to the future. How can the perspectives of different actors be best leveraged to drive systemic change? How can different stakeholders work together towards a common goal? And how can progress be effectively measured? Ministerial representation from future host countries will ensure that the discussion is carried forward to future WorldSkills events.

**Speakers Include**

|  |   |  |
|--|---|--|
| H.E. Reem Al Hashimy (Closing Remarks)       | <i>UAE Minister of State for International Cooperation and Director General of Bureau Expo Dubai 2020</i> |  |
| Lyse Doucet (Moderator and Conference emcee) | <i>Chief International Correspondent</i>  | BBC News                                   |
| H.E. Hussain Ibrahim Al Hammadi              | <i>Minister of Education</i>  | UAE  |
| H.E. Ong Ye Kung                             | <i>Minister of Education</i>  | Singapore                                  |
| Ms Ogorodova                                 | <i>Deputy Minister of Science and Education</i>   | Russia                                     |
| Chirag Goel                                  | <i>Representative for Asia</i>  | WorldSkills Champions Trust                |
| Aisha Sulaiman Al Yassi                      | <i>Student</i>  | Alkamal American International School, UAE |

*Please note — speakers correct at time of print and subject to change ahead of the event*

# Save the date

## WorldSkills Conference 2018

15–16 October 2018

Amsterdam,  
The Netherlands



## WorldSkills Conference 2018

is the event where you can help shape the global skills agenda, with other leading figures from industry, governments, international organizations, and academia.

Join these opinion formers as we explore the changing skills demands of the globalized world, and the required response.



**The WORLDSKILLS CONFERENCE is guided by the strategic vision of the WorldSkills Conference Coalition:**

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# SAVE THE DATE

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[worldskills2019.com](http://worldskills2019.com)



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**WorldSkills International**

Keizersgracht 62-64

1015 CS Amsterdam

The Netherlands

Phone: +31 23 531 1071

Fax: +31 23 531 0816

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