

# CONFERENCE PROGRAM

## Day 1 – Thursday, December 19, 2019

Time	Theme Event Room	Program
8:15AM – 9:00AM	<b>MAIN HALL</b>  <b>Opening Session</b>	<b>REGISTRATION</b>
9:00AM – 9:05AM		<i>Welcome Statement</i> – Ato Tesfaye Workineh, President, EACE and JEEPA (Joint Ethiopian Engineering Professional Associations)
9:05AM - 9:35AM		<b>Opening Statement – Guest of Honor</b>
9:35AM - 10:45AM		<i>Session Chair: Professor Shifferaw Taye</i> <b>Plenary Talk</b> – H.E. Dr. Seleshi Bekele (Min of Water, Irri & Elec) <b>Keynote Speaker</b> – Dr. Debrework Zewdie (Over-arching theme, USA) <b>Keynote Speaker</b> – Professor Asfaw Beyene (Climate Change, USA) <b>Keynote Speaker</b> – Eng. Tadesse H/Selassie (Water & Food Sec, ET)
<b>10:45AM - 11:05AM</b>	<b>Morning Coffee Break</b>	
11:05AM - 12:45PM	<b>MAIN HALL</b>  <b>Plenary Session I</b>	<i>Session Chair</i> – Professor Masresha Fetene (Eth. Aca. of Sci) <b>Keynote Speaker</b> – Professor Fetien Abay (Food Security, ET) <b>Keynote Speaker</b> – Professor Sossina Haile (Energy, USA) <b>Keynote Speaker</b> – Professor Meskerem Tadesse (Policy, U West, CA, USA) <b>Speaker</b> – Dr. Aynalem Adugna (Population Science, CA, USA) <b>Keynote Speaker</b> – Ato Messay Amerga (ICT, Apple, USA)
<b>12:45PM – 1:45PM</b>	<b>Lunch</b>	
<b>Parallel Sessions A – Theme on Grand Challenges &amp; Opportunities</b> (Water, Energy, Urbanization, ICT, Sustainability, Diversity)		
1:45PM – 3:00PM	<b>HALL A</b>  <b>Grand Challenge Theme IA</b> (Water and Energy)	<b>Parallel Session IA</b> <i>Session Chair: Professor Desta Mebratu</i> <b>Keynote Speaker</b> – Professor Desalegn Rahmato (EAS, ET) Speaker 1A – Engineer Mekuria Tafesse (ET) Speaker 2A – Dr. Wubalem Fekade (Nile Basin, ET) Speaker 3A – Dr. Semu Moges – (U Conn, USA)
3:00PM – 4:00PM		<b>Panel Discussion   Moderator: Eng. Dejene WoldeMariam</b> <b>Panel Members: Speakers + Eng. Mersha Sahle, Eng. Kefyalew Mekonnen</b>
1:45PM – 3:00PM	<b>HALL B</b>  <b>Grand Challenge Theme IIA</b> (Infrastructure, Urbanization, & Sustainability)	<b>Parallel Session IIA</b> <i>Session Chair: Ato Robel Yeshiwas</i> <b>Keynote Speaker</b> – Dr. Zegeye Chernet (EiABC, ET) Speaker 1B – Professor Mulatu Wubneh (USA + U of Gondar, ET) Speaker 2B – Ato Bisrat Woldeyesus (ET) Speaker 3B – Architect Betelehem Demissie (ET) Speaker 4B – Architect Birke Yami (ET)
3:00PM – 4:00PM		<b>Panel Discussion   Moderator: Ato Robel Yeshiwas (ET)</b> <b>Panel Members: Speakers + Dr. Girma Semu, Ato Wondimu Abeje</b>
1:45PM – 3:00PM	<b>HALL C</b>  <b>Grand Challenge Theme IIIA</b> (Economic Growth Driver – ICT)	<b>Parallel Session IIIA</b> <i>Session Chair: Eng Samrawit Kassaye</i> <b>Keynote Speaker</b> – Dr. Fisseha Mekuria (South Africa) Speaker 1C – Ato Yilkal Abate (ET) Speaker 2C – Ato Bernard Laurendeau (ET) Speaker 3C – Professor Anteneh Girma (UDC, USA)
3:00PM – 4:00PM		<b>Panel Discussion   Moderator: Ato Ted Kidane (USA)</b> <b>Panel Members: Speakers + Ato Messay Amerga, Ato Mekonnen Kassa</b>

1:45PM – 3:00PM	<b>HALL D</b> <b>Grand Challenge Theme IVA</b> <i>(Human Capital &amp; Workforce Development)</i>	<b>Parallel Session IIIA</b> <i>Session Chair: Dr. Tewabech Bishaw (ET)</i> <b>Keynote Speaker</b> – Professor Mammo Muchie (South Africa) Speaker 1D – Dr. Mahlet Mesfin (USA) Speaker 2D – Dr. Mentewab Ayalew (Canada) Speaker 3D – Ms. Adey Muchie (UK)
3:00PM – 4:00PM		<b>Panel Discussion   Moderator: Ms. Yodit Abdisa</b> <b>Panel Members: Speakers</b>
<b>4:00PM - 4:20PM</b>	<b>Coffee Break</b>	
<b>Parallel Sessions B – Themes on Grand Challenges &amp; Opportunities</b> <b>(Energy, Water, Urbanization, ICT, Sustainability, and Workforce Development)</b>		
4:20PM – 5:20PM	<b>HALL A</b> <b>Theme IB</b> <i>(Energy &amp; Water)</i>	<b>Parallel Session IB</b> <i>Session Chair: Professor Asfaw Beyene</i> <b>Keynote Speaker</b> – Professor Brhane Gebre Kidan (Food Security, ET) Speaker 4A – Ato Imiru Tamrat – Water Resources (ET) Speaker 5A – Dr. Atsede G. Endegnanew (ET) Speaker 6A – Dr. Solomon Asfaw (Norway) Speaker 7A – Ato Eyob Berhane (ET)
5:20PM – 6:00PM		<b>Panel Discussion   Moderator: Eng. Dejene WoldeMariam</b> <b>Panel Members: Eng. Mersha Sahle, Professor Sossina</b>
4:20PM – 5:20PM	<b>HALL B</b> <b>Theme IIB</b> <i>(Infrastructure, Urbanization, and Sustainability)</i>	<b>Parallel Session IIB</b> <i>Session Chair: Ato Bisrat Woldeyesus</i> <b>Keynote Speaker</b> – Professor Tegegne G/Egziabher Speaker 4B – Dr. Gulelat Kebede (New School, USA) Speaker 5B – Professor Asmamaw Tadege Shiferaw (Norway) Speaker 6B – Dr. Henok Fikre (AAiT, ET) Speaker 7B – Dr. Kassahun Admasu (AAU, ET)
5:20PM – 6:00PM		<b>Panel Discussion   Moderator: Ato Bisrat Woldeyesus (ET)</b> <b>Panel Members: Speakers</b>
4:20PM – 5:20PM	<b>HALL C</b> <b>Grand Challenge Theme IIIB</b> <i>(Economic Growth Drivers - ICT &amp; Workforce Development)</i>	<b>Parallel Session IIIB</b> <i>Session Chair: Professor Joseph Beyene</i> <b>Keynote Speaker</b> – Dr. Guebre X. Tessema (USA) Speaker 4C – Ato Yodahe Zemichael (PM Office, ET) Speaker 5C – Ato Mekonnen Kassa (Microsoft, USA) Speaker 6C – Dr. Abiyot Bayou (ET) Speaker 7C – Dr. Mesfin Belachew (ET)
5:20PM – 6:00PM		<b>Panel Discussion   Moderator: Ato Deres Tesfaye (USA)</b> <b>Panel Members: Speakers + Ato Yilkal + Ato Bernard + Mr. David Nicholson</b>
<b>6:15PM – 7:30PM</b>	<b>Cocktail Reception</b>	

## Day 2 – Friday, December 20, 2019

Time	Event Room	Program
8:15AM – 9:00AM	<b>MAIN HALL</b> <b>Plenary</b> <b>Session II</b>  <div style="border: 1px solid gray; padding: 5px; display: inline-block; color: red; font-weight: bold;">Day 2</div>	REGISTRATION & NETWORKING
9:00AM – 9:05AM		<b>Welcome Statement</b> – Professor Tsige Gebre-Mariam (President, Ethiopian Academy of Sciences) on behalf of leadership of Co-Hosting Organizations
9:05AM – 10:45AM		<b>Session Chair:</b> <i>Ato Demirew Getachew</i> (Eth. Economic Assoc.)  <b>Plenary Talk</b> – Her Excellency W/o Dagmawit Moges (MoT) <b>Plenary Talk</b> – H.E. Dr. Eyob Tekalign Tolina (State Minister, PM Office)  <b>Keynote Speaker</b> – Dr. Yayehyirad Kitaw – (Health Care, EAS, ET) <b>Keynote Speaker</b> – Professor Teshome Abebe – (Workforce, USA) <b>Keynote Speaker</b> – Professor Ayenew Ejigou – Rural Devt (AAU, ET)
10:45AM - 11:05AM	Coffee Break	
<b>Cross-Cutting Parallel Sessions C – Theme on Interdisciplinary Approach</b> (Infrastructure, Nexus of Health, Water, Food, & Energy, and Workforce Development)		
11:05AM – 12:15PM	<b>HALL A</b> <b>Cross-Cutting Theme I</b> <i>(Infrastructure for 200 million people. Nexus of Health, Water, Food, &amp; Energy)</i>	<b>Parallel Session IC</b>  <b>Session Chair:</b> Professor Mammo Muchie (South Africa) <b>Keynote Speaker</b> – Professor Joseph Beyene (Health Sector, Canada)  Speaker 8A – Professor Yemane Berhane (ET) Speaker 9A – Dr. Ayele Gelan – Economic Policy (KISR, Kuwait) Speaker 10A – Dr. Seifu Bekele (Australia)
12:15PM – 1:00PM		<b>Panel Discussion   Moderator:</b> Dr. Mahlet Mesfin <b>Panel Members:</b> Speakers + Dr. Yayehyirad Kitaw + Professor Ayene Ejigou
11:05AM – 12:15PM	<b>HALL B</b> <b>Cross-Cutting Theme II</b> <i>Technology as Cross-Cutting Growth Driver</i>	<b>Parallel Session IIC</b>  <b>Session Chair:</b> <i>Ato Messay Amerga</i> <b>Keynote Speaker</b> – Professor Desta Mebratu (South Africa)  Speaker 8B – Ato Aseged Mammo (ET) Speaker 9B – Ato Hailu Seifu – (ET) Speaker 10B – Ato Matias Taye (ET)
12:15PM – 1:00PM		<b>Panel Discussion   Moderator:</b> Ato Yohannes Afework <b>Panel Members:</b> Speakers + Professor Asfaw Beyene
11:05AM – 12:15PM	<b>HALL C</b> <b>Cross-Cutting Theme III</b> <i>Globally Competitive Workforce Development</i> (Eth. Scientific & Academy Network)	<b>Parallel Session IIIC</b>  <b>Session Chair:</b> Professor Teshome Abebe (E. Illinois U, USA) <b>Keynote Speaker</b> – Professor Sisay Asefa (W. Michigan U, USA) <b>Keynote Speaker</b> – Professor Tesfaye Teshome (Unity U, ET) Speaker 8C – Professor Ghebrehan Ogubazghi (Asmara, ER) Speaker 9C – Professor Tessema Astatkie (Canada) Speaker 10C – Dr. Temesgen Kindo (USA)
12:15PM – 1:00PM		<b>Panel Discussion   Moderator:</b> Dr. Abebe Kebede <b>Panel Members:</b> Speakers <b>Topic:</b> World-class training of Ethiopian undergraduate and graduate students for global competitiveness
1:00PM - 2:00PM	LUNCH	

<b>Plenary Session – Towards Building Synergy Between Policymakers and Professionals</b>		
2:00PM – 3:15PM	<b>MAIN HALL</b>  Plenary Session III  <b>Day 2</b>	<i>Session Chair: Dr. Debrework Zewdie</i>  <b>Keynote Speaker</b> – Dr. Tewabech Bishaw (Health Sector, ET) <b>Keynote Speaker</b> – Professor Shifferaw Taye (ET)  1. <b>Collecting &amp; Distilling Grand Challenge Big Ideas &amp; Visions - Blue Ribbon Panel Summary by Scribes (3 major themes + 3 cross-cutting themes – 30 mins.)</b> 2. <b>Blue Ribbon Panel Formation – Announcing Names</b>
3:15PM – 4:00PM		<b>Panel Discussion   Moderator:</b> Professor Meskerem Tadesse (U West, CA, USA) <b>Panel Members:</b> Invited policymakers and professionals <b>Topic:</b> Ideas and Strategies for Building Synergy Between Policy Makers and Professionals
<b>4:00PM</b>	<b>4:20PM</b>	<b>Coffee Break</b>
<b>Plenary Session – Grand Challenge Initiative Sustainability &amp; Closing</b>		
4:20PM – 5:20PM	<b>MAIN HALL</b>	<i>Session Chair: Professor Tesfaye Teshome (Unity University, ET)</i>  <b>Keynote Speaker</b> – Attorney Rebecca Haile (USA) <b>Keynote Speaker</b> – Architect Fasil Ghiorghis (ET)  1. <b>Recognition for Distinguished Lifetime Contribution in Addressing Societal Grand Challenges in Ethiopia</b> 2. <b>Planning II<sup>nd</sup> ETHIOPIA 2050 Conference – 2022</b>
5:20PM – 5:30PM		<b>Closing Remarks by International Steering Committee</b>
<b>5:30PM – 7:00PM</b>	<b>Cocktail Reception</b>	