

## COOPERATION & DEVELOPMENT CENTER – CODEV

Ecole Polytechnique Fédérale de Lausanne – EPFL



UNESCO Chair in Technologies  
for Development



UNESCO Chair in Technologies for Development  
2016 INTERNATIONAL CONFERENCE

# FROM INNOVATION TO SOCIAL IMPACT

2-4 MAY 2016  
EPFL, LAUSANNE, SWITZERLAND

<http://cooperation.epfl.ch/2016Tech4Dev>

CALL FOR  
ABSTRACTS  
Deadline:  
6 NOV. 2015

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LAVAU  
TECHNOLOGIES





## 2016 UNESCO Chair Conference on Technologies for Development FROM INNOVATION TO SOCIAL IMPACT



**Date:**  
2-4 May 2016

**Location:**  
SwissTech Convention Centre  
EPFL, Lausanne, Switzerland

For details, please visit:  
<http://cooperation.epfl.ch/2016Tech4Dev>

The UNESCO Chair in Technologies for Development at EPFL is organizing its biennial international conference to promote the application of innovative technology solutions to advance inclusive social and economic development in the Global South.

The Conference provides an opportunity to:

- Network across disciplines and fields of technology, to promote the development, deployment, adaptation, and scaling of new solutions for the Global South.
- Reinforce collaboration among key stakeholders – academics, entrepreneurs, innovators, field practitioners, policy makers, and private sector professionals – for a holistic approach to technology development.
- Build capacity among students to engage in multidisciplinary problem-solving for social impact.

### Core Thematic Areas

- Technologies for Humanitarian Action
- Medical Technologies
- Science and Technology for Disaster Risk Reduction
- Technologies for Sustainable Access to Energy
- ICT for Development
- Technologies for Sustainable Habitat and Cities

### Why YOU Should Attend Tech4Dev 2016

- A unique **multidisciplinary** platform
- Showcase for **cutting-edge research** projects in Tech4Dev and **case studies** from the field
- Participation by **400 experts** from over **60 countries**

*Don't miss your chance to learn, connect, and engage in multidisciplinary problem-solving for social impact.*

# 2016 UNESCO Chair Conference on Technologies for Development: From Innovation to Social Impact

2-4 May 2016 | EPFL, Lausanne, Switzerland

## Call for Extended Abstracts: 6 November 2015

<http://cooperation.epfl.ch/2016Tech4Dev>

Tech4Dev 2016 invites authors from research, industry, policy, or civil society to submit their *Extended Abstract* focusing on research results, case studies, or challenges relevant to the **Breakout Sessions**. Extended abstracts should emphasize the value of technological innovation while also acknowledging the limits of technology in generating inclusive social and economic development.

### General Information

- Submissions follow a two-stage process:
  - Extended abstract (1,000-1,500 words).
  - Full paper taking into account peer-reviewed feedback provided at abstract stage (5,000 words).
  - The selection of posters will be based on the submission of an extended abstract only.
- Extended abstracts for full paper or poster presentations should be clear, concise, and written **in English**. The abstract must be well written and should be checked by someone well versed in English writing.
- Some level of financial support may be available for authors of high quality papers from developing or emerging countries. Further instructions can be found on the conference website.
- For *full paper* submissions, presenters will be requested to give a 10-minute presentation at the conference, followed by a discussion.
- Presenters of a *poster* will be expected to make a 3-minute presentation during a set time-slot at the Conference to explain their poster and hand out any leaflets, or other information materials, they have available for viewers of their poster. A jury representing the Scientific Committee will be in attendance at the poster presentation to evaluate and select the "Best Tech4Dev Poster."
- The Scientific Committee cannot guarantee that the authors will be granted their preferred choice of presentation (full paper or poster). The decision of the Scientific Committee is final and no correspondence will be entered into.
- All presenting authors who are accepted for either a full paper or poster presentation **MUST** be registered and the conference fees fully paid up **by 22 February 2016**. Arrangements and payment of travel and accommodation costs are the responsibility of the participants.

### Review and Selection Criteria

- The Scientific Committee will review all abstract submissions. Abstracts will be evaluated according to a review criteria based on quality, potential impact, innovation, relevance, and presentation.
- Notification of conditional acceptance will be sent to authors **by 7 December 2015**. Authors will be invited to submit a full paper **by 15 January 2016**, in accordance with full paper guidelines to be distributed when the time comes.
- Poster presenters will be notified **by 7 December 2015** and given the technical specifications.
- Authors will receive their peer-review feedback and final decision of acceptance or rejection by **8 February 2016**. Authors will have a short period of time to integrate any reviewer feedback before submitting the final camera-ready paper **by 22 February 2016**.

## Core Thematic Areas and Breakout Sessions

Extended Abstracts should be aligned with the focus and objectives under one of the Breakout Sessions listed below (see <http://cooperation.epfl.ch/2016Tech4Dev/BreakoutSessions> for a full description of each breakout session).

### 1. Technologies for Humanitarian Action <sup>[HUMTECH]</sup>

[SE01-HUM] From Face-to Face to Messaging Apps: Communicating with Communities in Complex Emergencies

[SE02-HUM] UAVs: Opportunities and Challenges for International Aid and Global Development

[SE03-HUM] Travelling Models of Innovation and Open Spaces: Beneficiary Engagement and Cross-Case Comparison across Context

[SE04-HUM] Curveballs, Surprises, and the Unexpected Solutions that can Result

### 2. Medical Technologies <sup>[MEDTECH]</sup>

[SE05-MED] Bright Spots: Innovations for Quality, Reliability, or Safety of Medical Technologies

[SE06-MED] The New Roles and Challenges of Technology in the Fight against Malaria

[SE07-MED] Medical Technology and Innovation for Sustainable Impact in Health

### 3. Science and Technology for Disaster Risk Reduction <sup>[DRR]</sup>

[SE08-DRR] Early Warning Systems: Design and Implementation

[SE09-DRR] Open Geodata and Imagery for Humanitarian Mapping

### 4. Technologies for Sustainable Access to Energy <sup>[ENERGY]</sup>

[SE10-ENE] Public Sector Involvement in Sustainable Energy Access in the Global South

[SE11-ENE] Social Innovations for Energy Access: Organizing “Sustainable Energy for All”

[SE12-ENE] Catalyzing Innovation and Development through Targeted Capacity Building in Renewable Energies and Sustainable Food

### 5. Information and Communication Technologies for Development <sup>[ICT4D]</sup>

[SE13-ICT] Migrants, Diasporas and ICTs Adoption in the South

[SE14-ICT] IoT4D: Potential and Open Issues in the IoT for Development

### 6. Technologies for Sustainable Development of Habitat and Cities <sup>[HABITAT]</sup>

[SE15-HAB] The Contemporary City in the North-South Debate: Innovation Trajectories in Research and Practice

[SE16-HAB] Global Engineering and Sustainable Development

### ⇒ Additional Cross-Cutting Sessions (applicable to the Six Core Thematic Areas) <sup>[CROSS-CUTTING]</sup>

[SE17-CCI] Measuring Development Outcomes: A New Frontier in Development Engineering

[SE18-CCI] Incubating Tech4Dev and Accelerating Impact

[SE19-CCI] From Developing to Scaling Up Innovative Social Businesses at the Base of the Pyramid

[SE20-CCI] Paths Towards Impact: How to Evaluate Technology for Development Interventions

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## Post-Conference Publication

Papers accepted to be presented at the Conference will either be selected for submission to the *Journal of Development Engineering* (Elsevier) or will be published as electronic proceedings on the conference website.

## Key Dates

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Open call for extended abstracts launched (incl. poster presentations)	5 Oct 2015
Extended abstract submission closes	6 Nov 2015
<i>REVIEW BY SCIENTIFIC COMMITTEE OF EXTENDED ABSTRACTS</i>	<i>6 Nov-30 Nov 2015</i>
Author notification – full paper submission and poster presentations	7 Dec 2015
Full paper submission	15 Jan 2016
<i>REVIEW BY SCIENTIFIC COMMITTEE OF FULL PAPERS</i>	<i>15 JAN-1 FEB 2016</i>
Final author notification of full paper (or poster) acceptance	8 Feb 2016
Final camera-ready paper submitted	22 Feb 2016
Discounted registration (Early Bird) for speakers, etc. closes	14 Mar 2016
PowerPoint presentations submitted online	11 Apr 2016
Tech4Dev 2016 in Lausanne	2-4 May 2016

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**For further information on the conference, registration, abstract submission guidelines and application for financial support please visit the conference website at**

**<http://cooperation.epfl.ch/2016Tech4Dev>**