



The Project has received funding from the European Union's Horizon2020 research and innovation programme under agreement No 862848

20
24

OCCAM

OBSERVATORY ON DIGITAL COMMUNICATION

presents

XXIII
INFOPOVERTY
WORLD
CONFERENCE

Contacts

occam@occam.org
www.occam.org · www.infopoverty.net

Via Duccio di Boninsegna 21/23, 20145, Milano



Ministero degli Affari Esteri
e della Cooperazione Internazionale



HOMEOST
pid · UTD



Created by UNESCO in 1996
Organization in Special Consultative Status with the UNITED NATIONS
Economic and Social Council since 2005
Formally Associated to the UN Department of Global Communications
Member of the UN Global Alliance on ICT and Development
Participant in the UN Public Private Alliance for Rural Development



About OCCAM

Observatory on Digital Communication

OCCAM - Observatory on Digital Communication was founded in 1996 by UNESCO with the mission of fighting poverty through digital innovations. Since 2003, OCCAM has been associated with UNDG, while in 2005 it received Special Consultative Status at ECOSOC. Since its foundation, OCCAM has been led by the core principle of becoming a pilot explorer actively involved in the digital revolution, while applying innovations through best practices to help disadvantaged communities. OCCAM interprets and forecasts new trends, leading the various turning-point momenta to share the results achieved at the annual Infopoverty World Conference.

The Infopoverty Programme serves as a unified platform focused on poverty alleviation by leveraging Information & Communication Technologies (ICTs) as powerful tools to deliver broadband wireless services. These services encompass telemedicine, e-learning, food-security, and e-governance, all aimed at bolstering development in marginalized and disadvantaged communities. Its core mission is to harness the digital revolution as a means for sustainable development, empowering these communities to become self-sufficient and socially and economically viable entities.

Vision



- ICTS are powerful tools to bolster development of disadvantaged communities
- The Digital Revolution offers advantageous solutions to inequalities.

Mission



- Fighting poverty through ICTs
- Pilot explorer of best practices and models
- Harnessing the Digital Revolution to promote sustainable development, empower communities to become self-sufficient and socially and economically viable entities.

About the event

XXIII Infopoverty World Conference

April 12, 2024

UNHQ in New York • online
live streamed on UN Webcast



Established in 2001 with the launch of the Millennium Development Goals, later denominated the Sustainable Development Goals (SDGs), the Infopoverty World Conference is an annual UN flagship Event that, takes place at the United Nations Headquarters in New York and live-streamed on the official UN Channel UN Webcast, has been inserted in the UN Agenda for the past 20 years.

AI turmoils digital processes: how to act to ensure human rights and provide e-welfare for all?

This 23rd edition will address how Artificial Intelligence, created by private companies, should be oriented to ameliorate the challenging living conditions still faced by many in our society. This approach seeks to close the economic, social, and digital divides that pose significant risks to global progress. Without proper guidance, AI runs the risk of triggering economic crises, distorting market competitiveness, curtailing personal liberties, reshaping global power dynamics, and potentially accelerating the threat of war, echoing the turmoil of the 19th century marked by two world wars and severe economic upheaval.

Event Highlight

April 12, 2024
UNHQ in New York • online

share knowledge and best practices in the sectors of agriculture, telemedicine, education and governance

define a concrete strategy to accelerate the achievement of SDGs and UN 2030 Agenda

draw knowledge-sharing policies allowing economic, political and technological fences to be overcome through e-services

draw knowledge-sharing policies allowing economic, political and technological fences to be overcome

establish a fairer, more inclusive and sustainable digital AI-empowered Society

Projects & Activities

Towards a fairer, more inclusive, and sustainable Digital Society



ICT VILLAGE MODEL



The ICT Village Model follows a process of intervention flexible and easily replicable in many areas of the globe, providing various services designed to promote endogenous and sustainable development processes. The first ICT village project was carried out in 1999 in Honduras hit by the devastating hurricane Mitch. Thanks to the use of solar panels, the supply of electricity was guaranteed. A connection to 108 MB/sec for more than 30,000 people, a real record for the time, enabled the creation of the first e-learning and telemedicine services, allowing the population to use these new technologies advantageously and to connect to the rest of the world through e-commerce and e-government initiatives. Find out more on occam.org/infopoverty-programme.

WORLD FOOD SECURITY E-CENTER



The World Food Security e-Center (WFSeC) aims to provide digital services to support agricultural development and food security, transferring technologies and knowledge from the excellent network of Italian universities and laboratories directly to populations and communities in need through a high connectivity digital Platform, using new sensors and robotic devices able to collect and receive data. The project was presented on the occasion of EXPO Milano 2015 and took its legacy in the following years to put into concrete action its core principles. Find out more on occam.org/e-services.

E-MED MED PROJECT

eMedMed is a project born in the context of the Union for the Mediterranean. It aims to bring an innovative and efficient diffusion of health services in Tunisia, Morocco, Libya, and Egypt through telemedicine. It is the result of the experimentation of over 15 years of applications in various ICT Villages in the field of maternal care, emergencies, cardiology, and traumatology. The goal is to improve health conditions through the participation of a network of clinical centres and European experts connected with local structures through a specific platform with ICT Solutions and innovative scientific devices. The system integrates the resources of hospitals and service centres in the area and the data collected on the field (diagnostic imaging, medical records, patient records, consultations, training, etc.) through the network, optimizing the home care of the patient, reducing costs and improving the use of resources.



3D ROBOTIC BUILDING SYSTEM

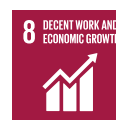


The 3D Robotic Building System is an innovative technology project designed by the OCCAM ARCHGROUP (Pierpaolo Saporito, Cesare Casati, Ivan Shumkov, Joseph di Pasquale) to provide large-scale and fast housing for emarginated people and slum inhabitants. Due to the low cost and high capacity of inclusion in terms of easy auto-construction facilities, the project aims at supporting families in disadvantaged areas.

The project, selected at the "Resilient Home" Challenge 2019, promoted by the World Bank and UN Habitat, uses this new 3D Robotic Technology to create different housing typologies for slums recovery and emergency, able to realize thousand dwellings a day at minimum cost.

EWA-BELT PROJECT

The EWABELT Project is an EU Horizon2020 project (GA 862848) aimed at developing the sustainable intensification of agriculture productions in organic, agroforestry, and mixed crop and livestock farming systems in 38 study areas of 6 countries belonging to East (Ethiopia, Kenya, Tanzania) and West (Burkina Faso, Ghana, Sierra Leone) Africa. Through integrated participative research, innovative tools, and identification and dissemination of best practices, 20 partners from Europe and Africa will be linked into an interregional East-West African BELT able to reinforce sustainable intensification in agriculture. The Internet of Things and e-Agriculture in EWA-BELT will be managed through the PLANTHEAD platform. The Platform will also allow for the creation of a database for scientific research and possibly for the use of Artificial Intelligence for phytopathogenic recognition and diagnostics. Discover more on www.ewabelt.eu



Infopoverty Network



Contacts with governmental, intergovernmental bodies & NGOs:

UN, FAO, IFAD, IDLO, ITU, WHO, UNDP, UNESCO, European Union, European Space Agency, European Commission, European Parliament, European Agroforestry Federation, EU Joint Research Centers, European Central Bank, NASA, World Bank, Inter-American Development Bank, African Development Bank, CERN, OECD, International Federation of the Red Cross, UNDESA, UN-OHRLS, UNICEF, UNCCD, UN GAID, UNCTAD, UNAFF, UN-Habitat, UN Global Compact, CICT ICFT at UNESCO, IFI, AISSA, Panos Institute, Associazione Monserrate, AED, Community Renewal International, Benetech, Ligne Verte, Ocean Plastic Leadership Network, Affecting Change International, CONGOs, AMBA, AVITEM, Sustainable Development at the Union for the Mediterranean Mission, WITS, World Youth Bank Network, NICT, Comune di Milano, Comune di Lodi, Regione Lombardia

Contacts with universities and academia:

Harvard Business School, University of Oklahoma, New York University, Politecnico di Milano, Università Cattolica di Milano, IULM, Università degli Studi di Milano, Università Politecnica delle Marche, Università di Sassari, Université Nazi boni, Tsinghua University, Oral Roberts University, Hawassa University, Jimma University, University of Nairobi, University of Makeni, Aristotle University of Thessaloniki, Cranfield University, International Institute for Telemedicine, the Center for Technology Innovation at Brookings, Newcastle University, University of British Columbia, UN University International Institute for Global Health, USA & King Saud University, University of Pavia, Infopoverty Institute, School of Professional Studies Columbia University, University of Oxford, Royal Sea Academy of Spain, Harrisburg University, Berkley University, Istituto Tecnologico de Santo Domingo, Universidad Católica de Santo Domingo, Samana College, Istituto di Genetica Molecolare.

Contacts with Foundations:

C Smithers Foundation, Acumen Fund, AidMatrix Foundation, Google Foundation, Gates Foundation, Fondazione Ugo Bordoni, China Foundation for Poverty Alleviation, Funglove Foundation, Development Gateway Foundation, Trestle Group Foundation, ACRA, Hinduja Foundation, Rhmana Foundation for Sustainable Development, Cisneros Foundation, Fondazione Cariplo, the Smiling Foundation, Lung Foundation, African ICT Foundation, Alliance Forum Foundation, ST Foundation, Cultural and Art Foundation, Fondazione Gslini, Ray Foundation, Fondazione Politecnico, FAI.

Contacts with private and public companies:

Microsoft, CISCO, Intel, Sun Microsystems, IRD, TARI, IIEW, IBM, WINFOCUS, Corriere della Sera, NEC, Broad Comm Inc., ST Microelectronics, Nippon Life Insurance, Fiera di Rima, AT&T, Irritec Group, TORUS, Intesa San Paolo, USA Bank of China, Banca Intesa Mediocredito, Giunti interactive Labs,

Agreements (MoU):

ITU, International Council for Film and Television at UNESCO, Smithers Foundation, Broad Comm Inc., Navajo Nation, Inter-American Development Bank (IDB), Vesenda, Alliance Forum Foundation, Fondation Telma, One Sanità, Shreveport-Bossier Community, Dentsu Inc, ARCHA, ASC, Assolombarda, BNC, Bologna Fiere, Camera di Commercio, Comune di Milano, European Medical Service, ESA, Fiera Milano, Infrastrutture Lombarde, Istituto Europeo per la Comunicazione, Lesotho Government, Politecnico di Milano, Politecnico di Torino, Polymedia, Press Way, Regione Piemonte, Siemens Mobile Communication SPA, Skylogic D-Star Services, Telespazio, Think!, Università degli Studi di Milano, Comune di Catania, ONG, Municipio di Antalya, UNIMPRESA Lombardia, Almadina Multimedia Center, COHCIT, ICMO, University of Oklahoma, UTIUG-Placid Limited, Asemblea Nacional de Rectores de Lima.



Created by UNESCO in 1996
Organization in Special Consultative Status with the
UNITED NATIONS
Economic and Social Council since 2005
Formally Associated to the UN Department of Global
Communications
Member of the UN Global Alliance on ICT and Development
Participant in the UN Public Private Alliance for Rural Development

Get in contact to learn more about our projects!

Contacts

Email occam@occam.org

Website www.occam.org • www.infopoverty.net

Address Via Duccio di Boninsegna, 21/23, 20145, Milano