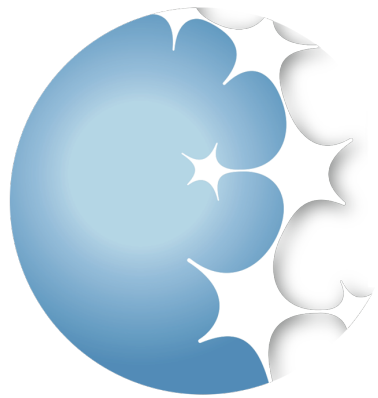




*Ministero degli Affari Esteri  
e della Cooperazione Internazionale*



सत्यमेव जयते  
Department of Science & Technology  
Government of India



**KiDF**

Scientia in varietate

## *3rd Knowledge in Diversity Workshop*

*Trento, May 11-12 2016*

*Room Levico - Department of Computer Science,  
Povo, Trento, Italy*

*3rd Knowledge in Diversity workshop  
(by invitation only)*

*Trento, May 11-12 2016*

*Room Levico - Department of Computer Science,  
Povo, Trento, Italy*

*The aim of the workshop is to bring together professionals and practitioners from academic, business, and government communities from all over the world interested in exploring how diversity affects data and knowledge, and discuss about applications, supporting methodologies and tools.*

*The event is the follow-up of the first two editions held in Bangalore and Trento in the context of the **ITPAR project** between Italy and India. The initiative is now attracting attention from a growing number of institutions world-wide.*

*The workshop is organized into sessions, each of them addressing one specific topic. Sessions will be interactive to discuss and agree about joint activities to be done together in the future, and possible joint projects.*

*The event is co-funded by the ITPAR project (Italy-India), the Department of Science and Technology (India), and the DISI department of the University of Trento (Italy) and it is sponsored by the “Ministero degli Affari Esteri e della Cooperazione Internazionale” (Italy).*

# Wednesday 11<sup>th</sup> May

08:30 - 09:00 Registration desk (come to take your badge)

## **SESSION 1: VISION AND USE CASES (Session Chair: Vincenzo Maltese)**

*The goal of this session is to introduce the challenges posed by diversity in knowledge, which are inspiring our vision towards the development of appropriate resources, methodologies and tools.*

09:00 - 09:30 Welcome, Agenda, and Objectives (Fausto Giunchiglia - ITPAR Italian Representative , Devika Madalli - ITPAR Indian Representative)

09:30 - 10:30 The Big Picture (Fausto Giunchiglia)

10:30 - 11:00 ✕ Coffee Break

11:00 - 11:30 Digital University Use Case: Vision and Requirements (Vincenzo Maltese)

11:30 - 12:00 Open Data Use Case: Vision and Requirements (Gábor Bella)

12:00 - 13:30 ✕ Lunch

13:30 - 14:00 Digital University: Modelling and Data Hunting (Vincenzo Maltese)

14:00 - 14:30 Digital University: Data Integration Procedures and Tools (Alessandro Ercolani)

14:30 - 15:00 Digital University: Let's Do It! (Vincenzo Maltese)

15:00 - 15:30 Digital University: Let's Do It in China (Hao Xu)

15:30 - 16:00 ✕ Coffee Break

16:00 - 16:30 Open Data: Let's Do It in Mongolia (Amarsanaa Ganbold or Altangerel Chaganaa)

## **SESSION 2: VOCABULARY DEVELOPMENT (Session Chair: María De Las Mercedes Huertas Miguelanez)**

*The goal of this session is to describe the methodology, and the systems and tools that in our vision will allow developing languages at support of data integration.*

16:30 - 17:00 Vocabulary Development: the overall vision (Mladen Jovanovic)

17:00 - 17:30 Language Expert Sourcing (María De Las Mercedes Huertas Miguelanez)

17:30 - 17:45 Group Photo

# Thursday 12<sup>th</sup> May

08:30 - 09:00      Registration desk (come to take your badge)

## **SESSION 3: MODELLING AND ONTOLOGY DEVELOPMENT** (Session Chair: Devika Madalli)

*The goal of this session is to describe the methodology, and the systems and tools that in our vision will allow developing knowledge at support of data integration.*

09:00 - 09:30      Domain Modelling Methodology (Vincenzo Maltese)

09:30 - 10:00      Domain Modelling: Recipes (Devika Madalli)

10:00 - 10:30      Domain Modelling: Business Organizations (Mariya Chumakova)

10:30 - 11:00                      ✕ **Coffee Break**

11:00 - 11:30      Domain Modelling: Locations (Subhashis Das)

11:30 - 12:00      Modelling Tools (Stella Margonar)

12:00 - 12:30      Knowledge Visualization Tools (Sajan Ojha)

12:30 - 14:00                      ✕ **Lunch**

## **SESSION 4: DATA INTEGRATION** (Session Chair: Gábor Bella)

*The goal of this session is to describe the methodology, and the systems and tools that in our vision will allow capturing diversity in language and knowledge, as well as the organizational coordination necessary to achieve that.*

14:00 - 14:30      The Data Integration Pipeline (Gábor Bella)

14:30 - 15:00      Schema Matching (Fiona McNeill)

15:00 - 15:30      StarLinker (David Leoni)

15:30 - 16:00                      ✕ **Coffee Break**

16:00 - 16:30      Multilingual NLP for Data Integration: Status and Next Steps (Gábor Bella)

16:30 - 17:00      NLP Pipeline Development for Data Integration: the Case of Mongolian (Altangerel Chaganaa)

17:00 - 18:00      Next Steps: Opportunities and Collaborations

20:00 - 22:30                      ✕ **Social Dinner**