***2nd Workshop on Industrial Ontologies Foundry***

The 1st IOF workshop was held on December, 8th 2016. That workshop resulted in the creation of two IOF working groups- Governance and Case Studies. These two groups have worked over the past few months to lay the foundation for the Industrial Ontologies Foundry (IOF).

This will be the 2nd workshop to support the establishment of the IOF. This workshop will invite practitioners and other interested parties to discuss the use of ontologies in industrial settings, and how we may leverage a more centralized approach to further new and ongoing efforts. Presenters from various backgrounds will discuss their experiences and the potential impact of the IOF on future work. The objective of this workshop is to share experiences and continue to find the best path forward as we look to establish the Industrial Ontologies Foundry as the go-to resource for industrial ontology implementations. A report of the workshop and its findings will be developed and distributed.

The primary purpose of the IOF is to develop a collaborative framework and platform for submitting, validating and sharing ontologies for the industrial and manufacturing domains. In this way, the knowledge will be captured and refined to facilitate smart manufacturing practices and resources.

Chairs – Dr. Dimitris Kiritsis, EPFL, Dr. Paul Witherell, NIST.

**Industrial Ontologies Foundry (IOF) Workshop Agenda**

**Monday April 10**

**1:00-5:30**

|  |  |
| --- | --- |
| **1:00-1:30**  | ***Overview of IOF to Date – Report out on Governance and Case Studies***Presented by Dimitris Kiritsis and Paul Witherell |
| **1:30- 3:15**  | ***Panel 1- Revisiting BFO- What has worked in the past*** A panel of BFO (Basic Formal Ontology) users (including users of OBO Foundry) will share their experiences in developing the BFO and adopting it in the Open Biological Ontologies Foundry. Barry Smith with conclude by discussing his vision on how these successes translate to industrial ontologies.**Panel Moderator:** Barry Smith  |
| **3:30- 5:00**  | ***Panel 2- Industrial Implementations- What has worked in the past*** This panel will consist of practitioners that have successfully leveraged semantic technologies to support Industrial software implementations in the past. Panelists come from software developer and service provider communities. **Panel Moderator:** TBD |
| **5:00-5:30**  | ***Recap of Day 1- Discussion of Day 2 expectations*** |

**Tuesday April 11**

**8:30-11:30**

|  |  |
| --- | --- |
|  | **Industry Implementations- More in-depth discussion from industry users** This session will consist of (6) 25 minute presentations (15 presentation/10 discussion) on ontology adoption from industry perspectives. The sessions are meant to provide insight into how industry has successfully implemented semantic solutions in the past. A mind map that was developed from the first workshop will be leveraged to drive any IOF context for these presentations.  |

**1:00-3:30**

|  |  |
| --- | --- |
|  | **Recap/ Moving forward discussions (focus on mind map topics)** This session will break down the two days of activities and hold active discussions on the IOF moving forward. Discussions will be held in the context of the two IOF working groups: Case Studies and Governance. |
| 1:00-1:45 | **Case Studies discussion:** Discussion Led by Dimitris ​Kiritsis and Hyunmin Cheong |
| 1:45-2:30 | **Governance discussions:** Discussion led by Chris Will and KC Morris |
| 2:30-2:45 | **Break** |
| 2:45-3:30 | **Open forum for final thoughts** |