

Minutes of the WG4 meeting - 2016-12-13

Present: Fred Klaessig, Axel P. Mustad, Egon Willighagen, Johannes Pelzer, Peter Ritchie, Shahzad Rashid, Lucian Farcas, Linda Rieswijk, Christoph Helma, Danail Hristozov, Nina Jeliaskova

Regrets: Camille de Garidel-Thoron, Hugues Crutzen, John Rumble

Time: 15 CET (winter time)

Next meeting: [Jan 17](#)

Updates

- Small updates
 - [NSC Newsletter is out](#)
 - ECHA nanomaterials observatory <https://echa.europa.eu/-/citizens-and-experts-to-get-more-information-on-nanomaterials>
- Meetings
 - NanoSafety Cluster Meeting, Grenoble, 9 November
 - New NSC host organisation
 - WG4 message was put forward
 - [OECD / NANoREG / ProSafe 3 day scientific conference](#) 29 Nov -1 Dec
 - Time: 29th November to 1st December 2016.
 - Address: OECD Conference Centre, Rue André Pascal, Paris, France
 - Attending: Egon, Nina, Hugues Crutzen
 - Main points: NANoREG results; open data ;
 - Egon, Nina : Meeting with Christine Hendren on interoperability (ontology, formats, data exchange)
 - EU-ON (nanoobservatory)
 - Templates: need for community harmonization effort
 - IOM
 - JRC (~300)
 - USA templates (close to ISATab-Nano)
 - eNanoMapper (input templates based on JRC), output (ISA-JSON, can be converted to ISA-TAB)
 - US NanoWG webinars
 - eNanoMapper Database, Search Tools and Templates (by Nina Jeliaskova, IDEA) - 17 Nov 2016 [slides](#)
 - eNanoMapper Ontology (by Linda Rieswijk, UM) - [8 Dec 2016](#)
 - EHS workshop follow up
 - Fred sent minutes to the Rheinfelden participants with an emphasis on the Nanoinformatics Roadmap. These issues have also been discussed at the nanoWG session led by Andrea Haase in November.
- Projects
 - eNanoMapper
 - [More data templates](#) (based on NANoREG templates)
 - SWAT4LS poster / [slides](#)
 - OECD materials <> enm ontology mappings ([alpha](#))
 - JRC materials <> enm ontology mappings ([alpha](#))

- NECID
 - PEROSH will want to be an Open database for exposure data
 - Signatures to be signed
 - Exact data slice to be openly sharable to be decided
 - Abstract to 2017 conference in Singapore is submitted, NanoEH meeting in Denmark and Airmon in Germany planned
- Danail Hristozov asking on data on release of nanomaterials
 - SUN
 - Peter Ritchie , Shaz commenting
 - Eventually a task in WG4 for this type of data; Danail will ask SUN partners
- NSC publication collection
 - <https://www.scienceopen.com/collection/EUNanoSafety> (alpha version; ACS papers still missing)

Database Survey Task

- Questionnaire sent around on Dec 12: tinyurl.com/nsc-wg4-dbsurvey
- Reminder to respond to the questions.

Linked Data Task

- Annotations for the Malaga meeting abstracts
 - Authors are informed about the intention
 - The form is ready, and I hope it gets send around this week
- Have SPARQL queries for eNanoMapper RDF data; need to be added to the [GitHub repository](#)

New Task Proposal (discussion)

- JRC Templates review
 - The [JRC/NANoREG templates](#) cover large amount of assays (31 phys-chem, 27 in-vitro, 35 in-vivo templates, as of Oct 2016)
 - This is a proposal to review (subset) of the templates as WG4 activity. The most appropriate way is to be discussed.
 - The templates have been slightly brushed up as of early Dec 2016. A unique identifier to a zipped file containing them has been created, allowing bibliographic referencing to that NANoREG work. It will be activated in the coming days: doi:<http://dx.doi.org/10.2787/505397> .
- There is potential interest by projects and individuals.
- What is the best way to proceed?
 - Ask interested scientists to review particular templates
 - Ask data providers to prepare their data with a template ?
 - Questionnaire style - i.e. set of questions “*is this field necessary / required*” and then compiling the answers;
 - Hackathon style ? (e.g. during Malaga meeting?)

- Other ideas?
 - Fred : Simplified versions may be needed .
 - Egon : usage of persona for customizing the templates (e.g. hiding fields)

Meetings

- Malaga meeting
 - Time: 7-9 Feb 2017
 - <http://www.nmsaconference.eu/>
 - Attending: Egon, Nina, many others from eNanoMapper and other projects

Next WG4 meeting - Jan 17, 3pm CET