MADICES 2022

Mon Feb 7, 2022

15:00 - 15:30   Introductory talks

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Description: Meeting logistics, motivation and goals Speaker: Organizers

15:30 - 16:15   Keynote: Josh Schrier

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Josh Schrier

16:15 - 16:30   Talk: Peter Murray-Rust

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Peter Murray-Rust Title: The Language of Materials

16:30 - 16:45   Talk: Alejandra Gonzalez Beltran

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Alejandra Gonzalez Beltran Title: ExPaNDS, W3C DCAT and FAIR Data
Pipelines

16:45 - 17:00   Talk: Henk Birkholz

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Henk Birkholz Title: Towards Useful Materials Processing Ontologies

17:00 - 17:30   Panel discussion

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Joshua Schrier, Peter Murray-Rust, Alejandra Gonzalez Beltran, Henk
Birkholz

17:30 - 18:00   Socializing

Where: Gather
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Joshua Schrier, Peter Murray-Rust, Alejandra Gonzalez Beltran, Henk
Birkholz

18:00 - 18:30   Speed networking

Where: Gather
Calendar: MADICES 2022
Created by: me388@cam.ac.uk

19:00 - 19:30   Rescreening Introductory talks

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Description: Meeting logistics, motivation and goals Speaker: Organizers

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19:30 - 19:45 Talk: David Elbert
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: David Elbert Title: MaRDA and Intersectional Interoperability

19:45 - 20:00 Talk: Alex Hexemer
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Alex Hexemer Title: MLExchange, bringing machine learning to the
beamline

20:00 - 20:15 Talk: Ben Blaiszik
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Ben Blaiszik Title: A FAIR Approach Towards Fully Realizing the Impact of
AI and Machine Learning in Materials Science

20:15 - 20:30 Talk: Bob Hanson
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Bob Hanson Title: Progress in the development of an IUPAC FAIR Data
model for spectroscopic data.

20:30 - 21:45 Breakout 1: C, D, E
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Everyone

21:45 - 22:00 Summing up Breakout 1
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Everyone

Tue Feb 8, 2022

10:00 - 10:15 Talk: Chandu Nainala & Philip Strömert
Where: Zoom
Calendar: MADICES 2022
Created by: me388@cam.ac.uk
Description:
Speaker: Chandu Nainala & Philip Strömert Title: NFDI4Chem Terminology Service:
Enabling semantic research data interoperability, discovery and exploitation in chemistry

10:15 - 10:30 Talk: Ian Bruno
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Ian Bruno Title: TBC

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10:30 - 10:45 Talk: Helge Stein
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Helge Stein Title: Laboratory APIs at the foundation for autonomous laboratories

10:45 - 11:00 Talk: Luc Patiny
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Luc Patiny Title: Open-source JavaScript libraries for chemical data management

11:00 - 12:15 Breakout 2: D, E, F
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Everyone

15:00 - 15:15 Talk: Caterina Barillari
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Caterina Barillari Title: Managing research data with openBIS

15:15 - 15:30 Talk: Eibar Flores
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Eibar Flores Title: Leveraging digital tools to promote research standards

15:30 - 15:45 Talk: David Prendergast
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: David Prendergast Title: Python Notebooks for X-ray Spectroscopy Simulation and Analysis

15:45 - 16:15 Panel discussion
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Ben Blaiszik, Caterina Barillari, Eibar Flores, Chandu Nainala

16:15 - 16:30 Summing up Breakout 1&2
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Everyone

16:30 - 17:30 Breakout 3: B, C, F
Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Everyone

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19:00 - 19:15   Talk: Burkhard Schaefer

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Burkhard Schaefer

19:15 - 19:30   Talk: Charles Hoyt

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Charles Hoyt Title: The Biopragmatics Stack: Biomedical Semantics for
Humans

19:30 - 19:45   Talk: Chris Mungall

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Chris Mungall Title: LinkML: a developer-friendly semantic data modeling
framework, with applications in the chemical sciences

19:45 - 20:00   Talk: Kenneth Kroenlein

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Kenneth Kroenlein Title: Supporting Industrial Users in Structuring Data
for AI

20:00 - 21:15   Breakout 4: A, B, G

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Everyone

21:15 - 21:30   Summing up Breakout 3 & 4

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Everyone

Wed Feb 9, 2022

10:00 - 10:15   Talk: Simon Coles

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Simon Coles Title: Understanding infrastructure requirements to support
FAIR physical sciences data

10:15 - 10:30   Talk: Giovanni Pizzi

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Giovanni Pizzi Title: The OPTIMADE REST API for Querying Materials
Databases

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10:30 - 10:45 Talk: Michael Selzer

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description:
Speaker: Michael Selzer Title: Kadi4Mat: research data infrastructure for materials science and beyond

10:45 - 11:00 Talk: Nicolas Carpi

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Nicolas Carpi

11:00 - 12:00 Breakout 5: A, G

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Everyone

15:00 - 16:30 Show-and-tell Lightning Talks/BYOC

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Everyone

16:30 - 17:30 Final Summary

Where: Zoom
Calendar: MADICES 2022
Created by: Kevin Jablonka
Description: Speaker: Everyone

18:00 - 20:00 Socializing, follow-up discussions

Where: Gather
Calendar: MADICES 2022
Created by: me388@cam.ac.uk