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# Allotrope Townhall

## Product Updates and Partner Introductions

June 24<sup>th</sup>, 2021

# Townhall Agenda

## Product Team updates

1. Upcoming Q2 product release of Allotrope Foundation Ontologies (AFO) and Allotrope Data Models (ADM)
  - Allotrope Data Format (ADF): To be released pending additional conformance testing
2. New product announcement: Allotrope Simple Model (a text-based, JSON ADM)
3. New project announcement: Allotrope Term Mapping database

## New Partner Introduction Presentations

1. Scitara Corporation
2. IFP Energies Nouvelles

## Allotrope Connect Fall 2021 – Sept. 13<sup>th</sup>, 15<sup>th</sup>, 20<sup>th</sup>

1. Call for abstracts



# Product Release Update

**AFO/ADM** Release Q2 includes updates to:

- Models defined for general use case of strategic data collection for decision insights

## New models

1. Fluorescence
2. Luminescence
3. FPLC
4. Scanning Electron Microscopy (SEM)
5. Hardness Tester
6. Disintegration
7. Over/Coulometric KF
8. Light Obscuration (Liquid particle counter)

## Promoted models

1. Specific Rotation
2. Loss on Drying
3. Automated Reactors (PAT)

### More Details:

Website: [www.allotrope.org/product-releases](http://www.allotrope.org/product-releases)

GitLab: [gitlab.com/allotrope/adm/-/issues](https://gitlab.com/allotrope/adm/-/issues)

Ontologies: [www.allotrope.org/ontologies](http://www.allotrope.org/ontologies)

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## ADF: Expected release

- pending additional required testing due to an update to C# versioning scheme



# New Product #1: a simpler model in JSON

We're developing the Allotrope Simple Model (ASM) – Planned September Launch

- The ASM will enable teams to:
  - Leverage Allotrope's growing ontology and tabular data models using JSON
  - Produce standardized results data using JSON
- ASM is a compatible text-based representation of the ADM (*think of it as ADM-Lite*)
  - Establishes consistency across Allotrope Community when interpreting data by leveraging the ongoing governance for Allotrope ontologies and data models
  - Enables teams to generate and manipulate instrument data in JSON or similar according to a standardized model so it can be leveraged across the industry with marginal additional effort
- There is no impact to existing Allotrope Framework products
- No specialized tools required. Use any off-the-shelf tool that supports standard JSON

## Progress Update

- Allotrope has initial definition of the ASM-JSON data structure (i.e. schema).

**ASK: Seeking beta testers (instrumentation vendors and solution providers) to support testing of the new JSON Simple Model, currently targeted for September launch.**



# New Product #2: Term Mapping Database

Allotrope is establishing a central database to collate instrument term mappings (to the standardized AFO) that already exist in the Community

- The Term Mapping database will:
  - Support Allotrope Partners and Members by reducing the tedious efforts often required by teams to map terms
  - Provide direct value to the entire Community by reducing the time needed to harmonize data
- Allotrope Product Team will coordinate with Members and Allotrope's Partner Network to gather mapping information to ensure consistency of mapping across vendors

Connect with the Allotrope Product Team to learn more, email: [product\\_team@allotrope.org](mailto:product_team@allotrope.org)



# New Partner Introductions

Welcome to our new Allotrope Partner Network Partners

- Scitara Corporation, [www.scitara.com](http://www.scitara.com)
  - Geoff Gerhardt, CTO
  - Michelle Sharron, Head of Marketing
  - Guy Verrastro, Strategic Account Management
- IFP Energies Nouvelles, [www.ifpenergiesnouvelles.fr](http://www.ifpenergiesnouvelles.fr)
  - Maxime Visconte, Responsable Informatique industrielle



# Allotrope Connect Fall 2021

- Dates: September 13<sup>th</sup>, 15<sup>th</sup>, 20<sup>th</sup>
- Call for abstracts: Due by August 6<sup>th</sup>

Building on positive feedback of spring Connect sessions:

- APN Partner <> Member(s) breakout sessions
  - i. Partners will be notified via email to reserve a slot
  - ii. Then Members will be notified of available Partner sessions so they may signup to attend

