

Time Domain Interest Group - opening remarks -

Judy Racusin (New Chair)

Pierre Fernique (vice-chair)

Applications + Time Domain – Thursday afternoon

Thursday June 5, 2025	Time	Room	Session	Lead
10	9:00-10:30	2309	Data Access Layer 1	Mantelet/Fraustro
	10:30-11:00		Break	
11	11:00-12:30	2309	Applications 2	Le Sidaner/Damian
		1309	Operations	Groom/Civera
	12:30-14:00		Lunch break	
12	14:00-15:30	2309	Applications + Time Domain	Le Sidaner/Damian
		1309	Registry hack-a-thon	Savalle/Jaffe
	15:30 -16:00		Break	
13	16:00-17:30	2309	Data Models: modularity, levels, endorsement	DM lead - full TCG plenary

Multi-Order Coverage (MOC) maps

- MOCs are arbitrary coverages for sky regions and/or time coverages and potentially other dimensions
- <https://www.ivoa.net/documents/MOC/>
- Several MOC extensions are already used in the community
- Goal is to have standardization for a hierarchical skymap methodology, particularly for use in transient alerts

VOEvent Transient Alerts

- VOEvent 2.1
 - Minor update adding representation of solar system events
 - Awaiting for TCG vote
 - <https://wiki.ivoa.net/twiki/bin/view/IVOA/VOEventV21RFC>
- VOEvent 3.0
 - Discussion in Malta to begin major revision
 - Separate VOEvent Transport Protocol
 - Make data serialization agnostic
 - Work with stakeholder communities to revise schema or define templates for particular applications
 - Continue discussion here