



**CROSSROADS OF AMERICA
CHAPTER**

Chapter Meeting

6:00 PM, Tuesday September 10, 2019 www.incose-coa.org

Program: “Democratizing” MBSE with the open-source tool Capella (DEMOS)

Model-Based Systems Engineering (MBSE) has become a hot topic. MBSE was first popularized by INCOSE in 2007 and aims at having systems engineers transitioning from a document-centric approach to a more formalized approach using models to represent their systems. It is envisioned to be the next shift to enhance significantly our engineering capacities so that engineers can cope with the steadily growing systems' complexity.

Still today MBSE adoption among systems engineers is growing slowly. At Thales (<https://www.thalesgroup.com>), MBSE started in 2005, and as field systems engineers were rejecting SysML tools, they decided to invest significantly in an innovation scheme that led to the creation of a pioneering MBSE method: Arcadia. Arcadia helps to understand and capture the customer need, to define and share the architecture among all engineering stakeholders, and to strengthen transitions between engineering levels, while enforcing a clear separation between need modeling and solution modeling.

Following the presentation on Arcadia and Capella that was made on 13th August, Stephane Lacrampe will focus his presentation on doing demos of Capella. It will include a general presentation of the tool, browsing an existing model, as well as some more focus on features like Functional Chains, Interfaces management, Complexity management and System to Subsystem transition.

Presenter: Stéphane Lacrampe - Obeo Canada director



Stéphane Lacrampe co-founded Obeo in 2005, an independent software vendor based in France that became a leading provider of open source modeling software for system and software engineers, enterprise architects and domain modeling experts. He acted as the CEO of the company for the last 12 years. He is now director of Obeo Canada and is in charge of the business development in North America for the company.

Stéphane Lacrampe has a great experience on business and partnerships development using open source business models. He was a board director of the Eclipse Foundation for 2 years, and also managed the partnership with Thales that led to the creation and the open-sourcing of the Sirius technology (<https://www.eclipse.org/sirius>). He is also actively involved in the development of the Capella MBSE tool ecosystem (<https://polarsys.org/capella/>) and is also the INCOSE Project lead for the Systems Engineering Tools Database project.



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Meeting Location / Host Site (see included directions and map to host site and parking)

Eli Lilly & Company
1200 West Morris Street – Building
301 Indianapolis, IN

Satellite Site

No satellite site this month

Remote Access: If you cannot attend at the host location, join us remotely:

Web Address: https://incose.pgimeet.com/INCOSE_GMTwo

Access Number: 1-719-457-6209

Guest Passcode: 519 731 6920

Dial In Numbers (if you don't use Computer VOIP):

USA : 1-605-475-5604

USA : 1-719-457-6209

Meeting RSVP

To assure we have a (complementary) meal and seat reserved for you, please email your plan to attend to Chris Hoffman at diesel_chris@me.com. You do not need to be an INCOSE member to attend!

If you plan on attending at the Eli Lilly host site, please confirm your plans per the directions above so that your name can be entered ahead-of-time into the Eli Lilly security system.

Event Schedule

6:00 – 6:10	Arrival, Security Check In
6:10 – 6:30	Light Meal, Informal Networking
6:30 – 7:00	Business Meeting
7:00 – 8:00	Program
8:00 PM	Adjourn

Business Meeting:

- Call to Order
- Approve/update minutes from previous Chapter meeting.
- Announcements
- Treasurer's Report
- Old Business
- New Business



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Direction to Host Meeting Site: (Indianapolis)



Directions: Follow I-70 to the Harding Street exit. Follow Harding Street south and turn left (east) onto Morris Street. Follow Morris Street east to the Lilly Technology Center-North visitor entrance, shown here. Visitor parking is available in front of Building 301. Upon entering Building 301, proceed to the Security desk and check in. All visitors seeking access to any building at the Lilly Technology Center must present government-

issued identification (driver's license or passport) upon check-in. The security guard will issue a visitor badge and a Lilly host will escort you to the meeting room.

