Proposal for a "Lightning Talks / Open Problems" Session
(56th SEICCGTC, March 3-7, 2025)

<u>Format</u>: "Lightning Talk" structure for an open problems session. All conference attendees are welcomed to attend, listen and/or present. Interested participants will give a 5-minute presentation (with only three slides) on an open problem that they are currently working on. Because of the "Lightning Talk" format, no Q/A would occur during the session. Further discussions between the participants can occur after the session. The length of the entire session would be one hour (+ epsilon) long.

<u>Logistics</u>: The slide presentations will be organized by the organizers, well before the start of the conference. Everything will be set up (on the computer in the room) before the session starts. The organizers will emcee the entire session, which helps to maintain order and flow.

<u>Goals</u>:
1. To captivate the audience with interesting math problems, without getting into all the technical details.
2. To give possible new opportunities for collaboration (during the conference and beyond).
3. The creation of a dynamic "Open Problems" list (made available to conference attendees) which can be added to, modified, etc., each time the SE Conference is run. This dynamic list might also be considered for publication within the Conference Proceedings (PROMS).
4. Lightning talks are fun!

<u>Organizers</u>: Stephen C. Locke (Florida Atlantic University) and Richard M. Low (San Jose State University) are happy to start this off for the 56th SEICCGTC, March 3-7, 2025.

Prepared on August 8, 2024
Richard M. Low