

First Keynote: Open toolkits for problem solvers in the science & technology-based innovation ecosystem

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Abstract

The Lens sources, merges, and links diverse open scholarly works and patents to inform discovery, analysis, decision-making, and partnering options on Lens.org platform. The created and shared applications and toolkits are designed to optimize individual and institutional effectiveness in problem solving. In this presentation, I'll introduce the role of the Lens in the dynamic and evolving innovation system, describe its architecture, built upon a metaRecord concept, and share its new experiment of using open toolkits to amplify a collective action solution to the problem of problem solving.

Bio

Osmat Jefferson's interests include science-enabled tools to solve societal problems. In the past thirty or so years of her professional life, Osmat was a school teacher, a desk librarian, a first aid volunteer in war zone, a research and lab leader, a business owner, and a research professor. She researched applied agricultural problems in the field and in the labs of various countries around the globe, built, and co-developed capabilities for local scientists. Intrigued by the dynamic and changing nature of innovation systems, she investigates linkages between various knowledge silos within these systems, including scientific and technological information and intellectual property and their influence on economy and society. She and the Lens team build new open toolkits for problems solvers. Osmat now leads the development of products at Lens.org, an open and global platform designed by to render science- and technology-enabled problem solving more effective, efficient and inclusive.

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