

Successfully retrieved submission MQM7348.

Title of Proposal

Contact information

The one person and place to communicate with the applicant(s).

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Institution or department to administer grant funds

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Summary *Less than 100 words* Total amount requested in this competition \$

The international conference “Logic and C*-Algebras: A Journey Through Ilijas’ Mathematics” will be held at the Hotel San Michele in Cetraro, Italy, on May 24-29, 2026, celebrating Ilijas Farah’s 60th birthday.

Farah’s pioneering work at the interface of set theory, model theory, and operator algebras has greatly enriched the study of C*-algebras and inspired a generation of mathematicians worldwide. The conference will gather experts and early-career researchers, featuring invited talks by numerous high-profile scientists who will highlight areas influenced by Farah’s mathematics. Support from the Canadian Mathematical Society will help ensure broad participation, fostering both celebration and fruitful collaborations.

Applicants

Put any specific information on the relevant experience or expertise of an applicant in "Other".

Name(s)	<input type="text" value="Paul Szeptycki"/>	<input type="text" value="Saeed Ghasemi"/>	<input type="text" value="Alessandro Vignati"/>
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Position	<input type="text" value="Professor"/>	<input type="text" value="Assistant Professor"/>	<input type="text" value="Associate Professor"/>
Employer	<input type="text" value="York University"/>	<input type="text" value="Lakehead University"/>	<input type="text" value="Université Paris Cité"/>
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	<input type="text"/>	<input type="text"/>	<input type="text"/>
CMS Member #	<input type="text"/>	<input type="text"/>	<input type="text"/>
Current grants	<input type="text"/>	<input type="text"/>	<input type="text"/>

What you propose to do *at most 40 lines*

We are organizing the international conference “Logic and C*-Algebras: A Journey Through Ilijas’ Mathematics”, which will take place at the Hotel San Michele in Cetraro, Italy, from May 24-29, 2026, to celebrate Professor Ilijas Farah’s 60th birthday and his contributions to mathematics, specifically logic and operator algebras.

The conference will bring together leading experts and early-career researchers in logic, operator algebras, functional analysis, and related areas. It will feature a series of invited lectures focusing on the themes where Professor Farah’s influence has been most profound, fostering interactions across communities that his work has shaped.

The idea is to have around 40 participants: 25 established collaborators of Prof. Farah, while 15 spots will be dedicated to young researchers and graduate students.

We seek support specifically to broaden participation and ensure the presence of promising young mathematicians, particularly graduate students and early-career researchers from Canadian universities. CMS funding would allow us to partially or fully subsidize accommodation costs for Canadian based participants. Full-board accommodation for five nights at the conference centre is estimated at \$1,000 CAD for single rooms and \$800 CAD for double rooms.

Budget

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Description	Revenue		
Vignati's grant from the Institut Universitaire de Fr	21000 CAD		
Vignati's grant from the Agence Nationale de la Re	5200 CAD		
York University (requested)	2000 CAD		
Fields Institute (requested)	2000 CAD		
European Math Society (requested)	2000 CAD		
CMS Endowment Grant requested	5000 CAD		
Total Revenue \$	37200 CAD		
	Expenses		
Full-Board Accommodation for 25 participants	26000 CAD		
Conference Room	2400 CAD		
Refreshments	4000 CAD		
Gala night	2400 CAD		
Transportation costs, and city taxes	2400 CAD		
Total Expenses \$	37200		

Other

Funding, partners, revenue potential, information on applicants such as publications or awards, at most 20 lines.

The conference is co-organized by former PhD students of Professor Ilijas Farah, with the support of Prof. Szeptycki from York University to ensure a strong connection with Farah's home institution. Among the former students organising the conference are:

- Georgios Katsimpas (School of Mathematical Sciences, Harbin Engineering University, China)
- Alessandro Vignati (Institut de Mathématiques de Jussieu, Paris Rive Gauche, Université Paris Cité and Institut Universitaire de France, Paris, France)
- Andrea Vaccaro (Université Claude Bernard Lyon 1, Lyon, France)
- Saeed Ghasemi (Lakehead University, Canada)
- Beatriz Zamora Aviles (L-Università ta' Malta, Malta).

Their international expertise and commitment to supporting the next generation of researchers are well aligned with the CMS's mission to advance mathematical research and collaboration.

Most of the funding will be through Alessandro Vignati's grants from the Institut Universitaire de France and the ANR (Agence Nationale de la Recherche, the French NSERC). We will further seek small funding from various institutions in France, the Italian Association for Logic, York University, the European Math Society and the Fields Institute.

Project start date

Finish date