

Abel Visiting Scholarship Program

A brief report about my visit to University of Waterloo from July 15, 2022 – August 16, 2022, hosted by Prof. Sue Ann Campbell.

My visit through Abel Visiting Scholarship Program Grant is one of the productive collaborations throughout my research career, which provided me with the opportunity to meet and interact with researchers in the prestigious university like Waterloo. In the first week of my visit, I gave a talk on 21st July 2022 about ‘TIME DELAY SYSTEMS – AN OVERVIEW’. The outline of my talk mainly focused on time-delay systems in general and some application on such systems. It was followed by presenting a few results of my previous and ongoing research along with my current project.

Regarding my project, we are working on “Distributed delay in Brain Networks”, together with Dr Isam Al-Darabsah (former postdoc of Prof. Campbell). In particularity, we are looking at (de)synchronization in such networks and the effect of different time delays on them. We have obtained some results and began to write a draft of 23 pages so far.

Furthermore, I met PhD students and a group of 10 Romanian visitors at the University of Waterloo during my visit. We debated on many issues I have been facing in my research, and we also discussed a few future projects. Moreover, as Prof Sue Ann Campbell is one of the main organizers of the workshop at Fields institute in Toronto, I had the chance to attend the workshop from 15th - 19th August 2022. Luckily, I met many experts in my field, followed by exchanging research ideas and made a network with few of them during the workshop.

Finally, I would like to express my warmest gratitude to the followings for supporting me during my visit at The University of Waterloo:

IMU-Abel Grant, Prof Sue Ann Campbell at University of Waterloo, and University of Kurdistan-Hewler.

Yours faithfully,

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My talk on 21st July 2022 at University of Waterloo



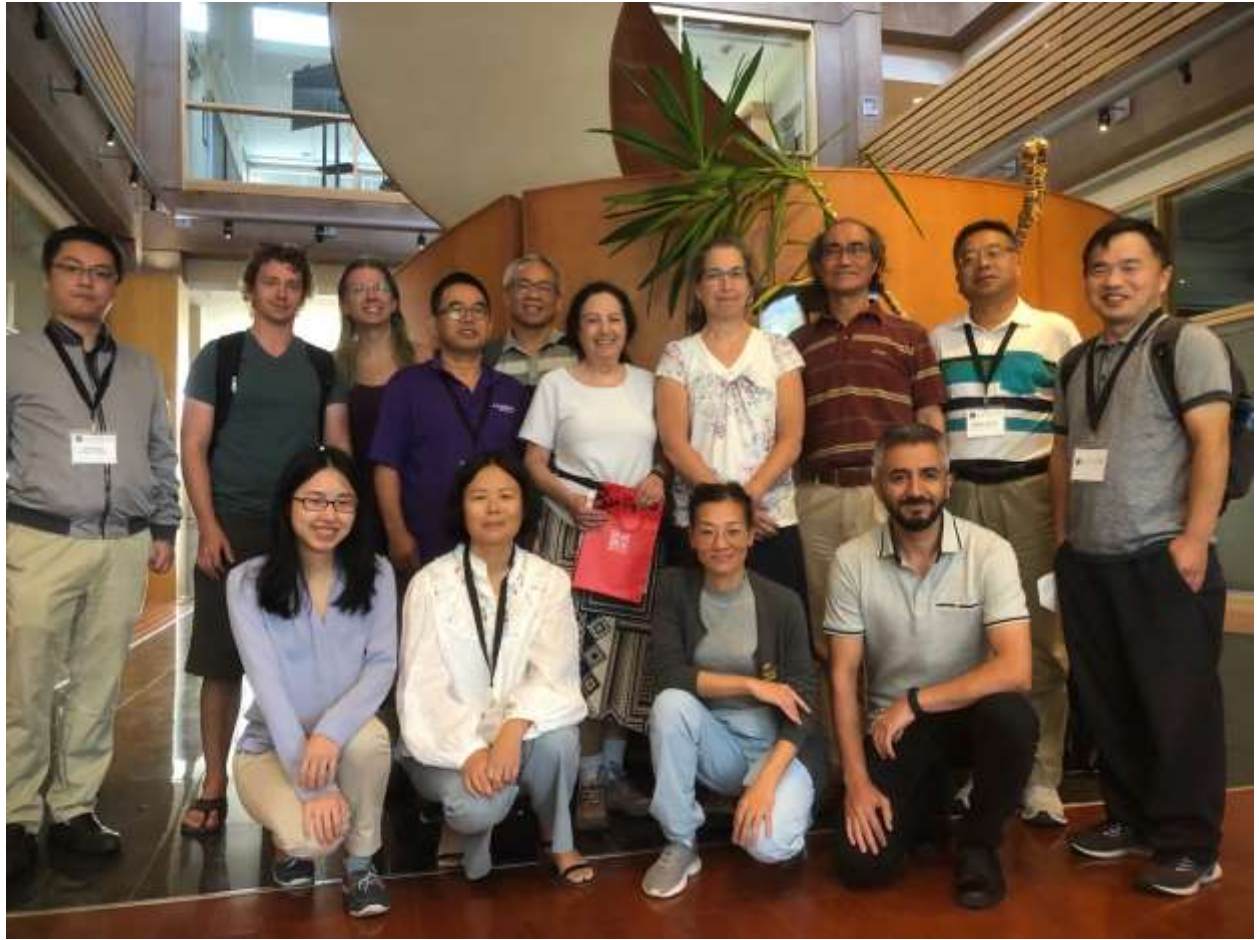
With Professor Sue Ann Campbell at University of Waterloo



With Professor Sue Ann Campbell at Department of Applied Mathematics



With professors at Fields institute in Toronto



With participants at Fields institute in Toronto



With Romanian visitors at our office at University of Waterloo