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**COLLOQUIUM SPEAKER**

Iván Sadofski

Seminars Listing

**INSTITUTION**

Universidad de Buenos Aires

**HOST:**

(use last name) Bhattacharya

**TITLE OF TALK** Group actions on contractible 2-complexes

**Zoom Link** notredame.zoom.us/j/97262637721

**FULL DATE** Tuesday, March 16, 2021

**TIME OF TALK** 2:30 PM

**TYPE OF TALK** Topology Seminar

**ROOM** Zoom

**ORGANIZER** Prasit Bhattacharya

**Note**

**Dinner Date**

**Dinner Time**

**Dinner Place**

**Number of People in Party**

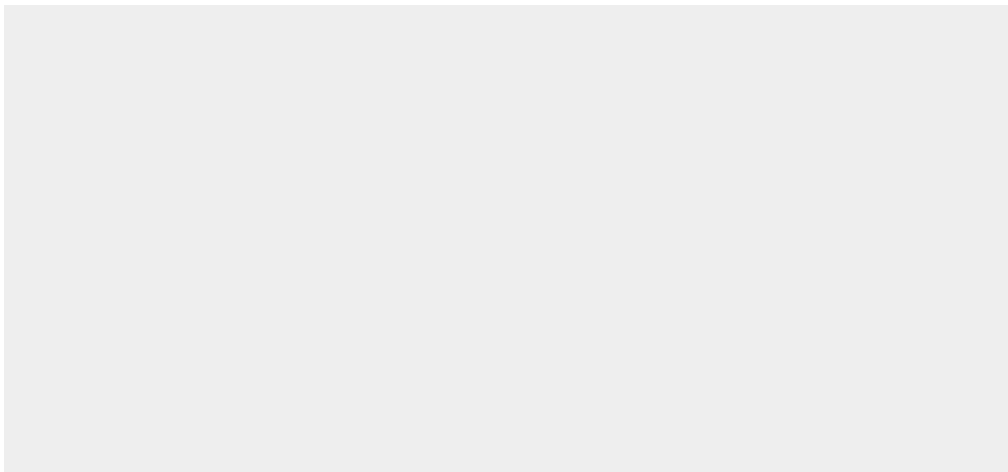
**Phone Number**


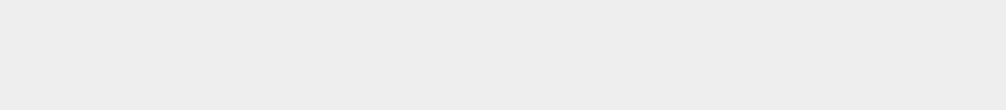
**Abstract-Full**

In this talk I will discuss the proof of a recent result: every action of a finite group  $G$  on a finite and contractible 2-complex  $X$  has a fixed point. This was conjectured by Carles Casacuberta and Warren Dicks and was also posed as a question by Michael Aschbacher and Yoav Segev. We build on the classification, due to Bob Oliver and Yoav Segev, of the groups  $G$  which act without fixed points on an acyclic 2-complex. Part of this work is joint with Kevin Piterman.

Right click here to insert Photo.

**Biographical Information: (Colloquia only)**





If colloquium hosts want to use *Café Navarre Bar and Restaurant* - we do have a direct bill set-up. If you tell them Math Department, the host will take care of the rest.