



## Elicitation and Explanation in Social Choice Theory

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### Education and Experience



## Ph.D. Proposal:

# Elicitation and Explanation in Social Choice Theory

Develop procedures able to help a committee (or a society) choose a suitable voting rule

#### Involves:

- Axiomatic analysis of voting rules
- Explanation of axioms in non-expert terms
- Preference elicitation methods

# Simultaneous Elicitation of Committee and Voters Preferences

Setting: Incomplete profile and uncertain scoring rule



**Goal**: Winner determination using an incremental elicitation protocol based on minimax regret

[Ongoing submission to RJCIA 2019]

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Thank You!