



# Writing an application

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# Goals

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- Thinking about a proposal
  - Topic
  - Shape of a proposal
  - Approaching a supervisor
  - Evaluation of proposals



# Research Topic

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Your own

<https://docs.google.com/document/d/19S6U8awGfP3Rt1X8Arf8GrRf1ylgxazr8nxbiJD76wU/edit?usp=sharing>

Prompted by iGGi supervisors

Industry-defined projects



# Research Proposal outline

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- Introduction
- Research proposal
- Motivation
- Knowledge exchange
- Some references
- All in about two pages



# Introduction

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- Problems in the world
- The gap in knowledge (literature)
- The thing you want to do
  - Research question
  - Problem statement



# Research Proposal

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- What you will do
- Plausible fiction
- Not one big study!
- Check out a thesis or two, eg:
  - <https://www-users.cs.york.ac.uk/~pcairns/students.html>



# Motivation

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- Who cares?
- Why will they care?
- How will you make a difference?



# Knowledge Exchange

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- Someone to work with
  - Games studio
  - Other company
  - Charity...
- Existing or speculative
- Not vague!
- Not everyone!





# You will need help!

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- Potential supervisors
- Seeing if you grok them!
- Be honest about who you're talking to



# Discovery: Finding a supervisor

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- Start with research topic (review Google doc)
- Explore supervisors
  - IGGI webpages but also ANY department in QM or York
- Google Scholar
- Personal webpages



# First contact

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- Send an email:
  - Inigo Montayo approach: who you are, what is the connection, what you want
- Quality over quantity
- Engage, take time



# Evaluation

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- Are you showing promise?
  - Good idea
  - Grasp of literature
  - Some sense of how to study this
  - Understanding who out there is interested
  - Are you in scope? IG or GI.
- It's only two pages!



# Any Questions?

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