

# Panels

(to be prepared for the Jan 18 class)

Human-AI Interaction

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# Introduction

- In the second class, we are going to have **two panels** on some of the topics we will cover in the next lectures.
- A panel discussion is, by definition, a public debate in front of an **audience**.
- **Panelist** are experts, chosen to reflect and support different opinions.
- The **moderator** keeps the discussion going by asking panelists questions, moderating the discussion, and ensuring that each panelist has an equal opportunity to speak.

# Panel Organization

- You will be required to participate in both panels, as a **panelist** for one and as **audience** for the other.
- **Panelists** will have 50-60 minutes, overall, to present themselves and express their positions (around 3-4 minutes per panelist).
- **Audience** will have 30-40 minutes, at the end of panelists' presentations, to make questions to one or more panelists.
  - Each discussant needs to prepare at least two questions.

# How To Prepare

- **Panelists:**

- Read the papers associated with the panel.
- Take a stance.
- Create **3 slides** to support your position, possibly with a *link* with some research interests of yours.

- **Audience:**

- *Quickly* read the papers associated with the panel.
- Define at least **2 questions** to be reported at the end of the slides prepared for the panelist role.

- At the end of both panels, you will also have time to revise your slides and submit them as per the instruction at the end of this deck.

# Panel 1:

## Artificial Intelligence vs. Intelligence Augmentation

Two papers discussing aspects related to the adoption of Artificial Intelligence (AI) versus the provision of Intelligence Augmentation (IA).

1. Eric Horvitz. Principles of Mixed-Initiative Interaction. 1999. [[PDF](#)]
2. Spence Green, Jeffrey Heer, and Christopher D. Manning. Natural Language Translation at the Intersection of AI and HCI. 2015. [[PDF](#)]

**Explain which (whether AI or IA) has greater relevance today and what is your position on these two different paradigms — you can also make use of examples.**

Panelists: from **ALBARRAN MORILLO** to **FAVETO**

Audience: from **FICHERA** to **VIGLIOGLIA**

# Panel 2:

## The Role of Understandability in Interactive AI Systems

Two papers discussing different examples of AI algorithms used to support decision-making.

- C. J. Cai et al. Human-Centered Tools for Coping with Imperfect Algorithms During Medical Decision-Making. 2019. [[PDF](#)]
- M. Millecamp et al. To explain or not to explain: The effects of personal characteristics when explaining music recommendations. 2019. [[PDF](#)]

After summarizing (shortly!) how the authors measure the impact of the users' understanding of the AI algorithms for the proposed systems and the differences between the two approaches, **express your opinion on which other dimensions/features are important to improve the human-AI interaction and the decision process through understandability.**

Panelists: from **FICHERA** to **VIGLIOGLIA**

Audience: from **ALBARRAN MORILLO** to **FAVETO**

# Submission Instructions

- Convert the slide deck in PDF and name it as follows:  
*Lastname\_Firstname\_ex1.pdf* (example: DeRussis\_Luigi\_ex1.pdf)
- Upload the resulting file to OwnCloud, at the following URL:  
<https://baltea.polito.it/owncloud/index.php/s/WzQBs2EOttooHsl>

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