Training the mindSET: Training week 15-19 June 2020
Modules Research Ethics and Good Scientific Practice, Leadership and Management

Module: Research Ethics and Good Scientific Practice 15-17 June 2020
Trainers: Andrea Aliverti, Viola Schiaffonati, Siri Granum Carson

*Modern research is affected by a number of ethical issues in many situations. This course will name the relevant situations, show how to identify ethical issues and provide the participants with assessment criteria, strategies and academic guidelines to overcome pitfalls that arise in academia.*

I – Monday, June 15th, 9:30-12:45  
Trainer: Viola Schiaffonati  
The first part starts from a case study about responsibility in technological development and discusses how responsibility is a central concept in good scientific practice. The shift from passive responsibility to the novel notion of active responsibility is discussed. Case-studies are presented to evaluate the critical issues in active responsibility.

II – Monday, June 15th, 14:00-17:15  
Trainer: Andrea Aliverti  
The second part introduces good scientific practice and academic misconduct. It presents guidelines and conducts in ethics of research, such as informed consent and ethics commissions and committees, that are discussed with the use of examples and case studies.

III – Tuesday, June 16th, 9:30-11:00  
Trainer: Andrea Aliverti  
The third part introduces publication ethics by analyzing critical situations in everyday research and with the goal to avoid academic misconduct.

IV – Tuesday, June 16th, 11:15-12:45  
Trainer: Viola Schiaffonati  
The fourth part discusses the major ethical frameworks. These ethical frameworks constitute the basis for introducing ethical reasoning and the most widespread fallacies in ethical reasoning, in general, and in scientific and technological reasoning, in particular.

Tuesday 16th afternoon: Students will work in groups of 2 to prepare a presentation reflecting on the ethical issues of their research to be presented in the morning of Wednesday, June 17th.

V – Wednesday, June 17th, 9:30-11:00  
Trainers: Andrea Aliverti, Viola Schiaffonati, Siri Granum Carson  
Students will present in groups of 2.

VI – Wednesday, June 17th, 11:15-13:00  
Trainer: Siri Granum Carson  
The social responsibility of researchers and research institutions: Does your research activity lead to a better world, e.g. by contributing to reach the sustainable development goals set by the UN? Are individual researchers and/or research institutions bound by a social contract to contribute to the common good? These questions belong to what we might call ‘broad research ethics’.
Module: Leadership & Management  18-19 June 2020
Trainers: Tommaso Buganza, Renate Lohmann

Make yourself familiar with different concepts of leadership and their respective effects and find out how you can apply these methods yourself.

I – Thursday, June 18th 9:30-12:45  Trainer: Tommaso Buganza  Co-Trainer: Renate Lohmann
The first part will deal with the different phases of leadership theories across time. Leadership is a complex topic investigated from many different perspectives. In the beginning, leadership or charisma were thought to be due to genetically inherited characteristics both in terms of physical traits or personality. Then researchers understood the pivotal role of behaviors in determining the leadership performance of the individuals. Also, the importance of the followers will be analyzed until those theories which make all the leadership topic only dependent on the followers, and not the leaders.

II – Thursday, June 18th 14:00-17:15  Trainer: Tommaso Buganza  Co-Trainer: Renate Lohmann
The second part will focus specifically on one leadership model based on leadership as a process. We will introduce, analyze, and discuss the Transactional vs. Transformational Leadership Model by comparing both their attended results and their limits. Students will also be asked to self-evaluate themselves against the model.

III – Friday, June 19th 9:30-11:00  Trainer: Tommaso Buganza  Co-Trainer: Renate Lohmann
Teamwork will be the core of the third session and, more specifically, the importance of TRUST in the teamwork activities. Using the Johari Window Model, we’ll see the mechanism to create and maintain the trust levels as well as the importance of trust across the phases of a team lifecycle.

IV – Friday, June 19th 11:15-12:45  Trainer: Tommaso Buganza  Co-Trainer: Renate Lohmann
Finally, the last part will be focused on a specific tool for trust-building: The feedback. This topic will be seen with the particular perspective of the behavioral feedback analyzing both the techniques and the real impacts of their application.

Please note: More details on Renate Lohmann’s teaching part will still be announced