

6 - Nature of Science: History, Philosophy and Sociology of Science | Empirical

SP - (16333) - RELATION BETWEEN EMOTIONS & NATURE OF SCIENCE IN A PRE-SERVICE TEACHER TRAINING COURSE

Àngela Gràcia-Lladó (Spain)¹; Carolina Pipitone (Spain)¹; Carlos Agudelo (Spain)¹

1 - University of Barcelona

Short Abstract

In this study, we analyze a group of pre-service teachers (PST) talking about their emotions towards physics and chemistry and their vision of science. We know from previous research, that during the science education course at the university their emotions change and have identified the aspects that promote this change. Most of them are related to the emerging proposals to teach Nature of Science (NOS). The aim of this study is to compare how PST relate their emotional experience during the subject and the evolution of their NOS vision. The research has shown that at the end of the course, PST relate and recognize methodological and emotional experiences like those felt by the scientific community. But they still have a naïve and limited view of science.