

Seminar presentation sheet

Academic year	2018/19
Seminar n°	6
Seminar title	SHAKESPEARE'S <i>THE TEMPEST</i> AND BACON'S <i>NEW ATLANTIS</i>: A COLLABORATIVE REFLECTION ON 'RESPONSIBLE SCIENCE'.
Teacher(s) (Name, SURNAME)	Fátima VIEIRA
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Teacher(s)' presentation	<p>Fátima Vieira is Associate Professor (with "Agregação") at Faculdade de Letras da Universidade do Porto, where she has been teaching since 1986. She was the Chairperson of the Utopian Studies Society/Europe from 2006 to 2016. At ILCML – Instituto de Literatura Comparada Margarida Losa, she was the Principal Investigator for the three editions of the research project "Literary Utopias and Utopian Thought: Portuguese Culture and the Western Literary Tradition" (2001-2010) funded by FCT (Fundação para a Ciência e a Tecnologia) and is now the Principal Investigator for the multidisciplinary project "ALIMENTOPIA: Utopian Foodways", also funded by FCT. Fátima Vieira is the director of the collection "Nova Biblioteca das Utopias", of the Portuguese publishing house "Afrontamento", the general-editor of <i>E-topia</i>, and <i>Spaces of Utopia</i>, two electronic journals on utopianism published in Portuguese and in English, respectively, and Book Review editor (for languages other than English) of the American journal <i>Utopian Studies</i>. She is the Coordinator of the Porto branch of CETAPS – Centre for English, Translation, and Anglo-Portuguese Studies, of the Universities of Porto and Nova de Lisboa.</p>

Seminar presentation	<p>One of the European Commission's priorities for the Horizon 2020 programme is the so-called "responsible research and innovation", defined on the EU's website as "an approach that anticipates and assesses potential implications and societal expectations with regard to research and innovation, with the aim to foster the design of inclusive and sustainable research and innovation" (https://ec.europa.eu/programmes/horizon2020/en/h2020-section/responsible-research-innovation).</p> <p>This seminar aims to contribute to the current debate on the need for 'responsible science' by proposing a discussion on the interplay between politics and science in <i>The Tempest</i> and <i>New Atlantis</i>. The three sessions will be structured around three main questions which are to unfold into subsequent inquiries into the two texts: 1) how do <i>The Tempest</i> and <i>New Atlantis</i> represent the 'scientific revolution' that was taking place in the early 17th century, when magic, religion and science were beginning to separate?; 2) how do the authors represent the political and ethical dimensions of science, and of its (mis)uses?; 3) how do science and utopia relate to one another in the texts?</p>
Prerequisites to follow the seminar	<p>Compulsory readings: William Shakespeare, <i>The Tempest</i> Francis Bacon, <i>New Atlantis</i></p> <p>Additional readings: The seminar will rely on a collaborative methodology: each student is to be assigned two different theoretical texts to report on and thus contribute to the study and discussion of the proposed themes.</p>
Seminar objectives /skills to be developed by the students	<p>At the end of the seminar, the students will be able to:</p> <ul style="list-style-type: none"> • report on how the 'scientific revolution' took place, and how magic, religion and science became independent; • discuss Shakespeare's and Bacon's views on the role of science; • understand that the current debate on the dangers of science replicates old anxieties; • understand the importance of promoting 'responsible science' for a utopian construction of the future.
Session 1 – Presentation / plan	<p>1. C. J. Sisson's and Frances Yates's readings of <i>The Tempest</i> 1.1. Prospero, the magician and the conjurer 1.2. Shakespeare's last word on the occult philosophy</p> <p>2. Prospero's magic and baconian science 2.1. The Book of Nature 2.2. Power over man and over nature</p>

Session 2 – Presentation / plan	<p>3. The professor of secrets 3.1. The secrets of princes 3.2. Scientists: scholars, physicians or magicians</p> <p>4. New Science, New World 4.1. Newfound lands and newfound monsters 4.2. Book-bound magic turned into a kind of science.</p>
Session 3 – Presentation / plan	<p>5. Responsible science today 5.1. the (mis)uses of science 5.2. science and utopia</p>

Bibliography*

ALBANESE, Denise, *New Science, New World* (Durham: Duke University Press, 1996), 59-91; 92-120.

EAMON, William, *Science and the Secrets of Nature: Books on Secrets in Medieval and Early Modern Cultures*, Princeton, Princeton University Press, 1994, pp. 269-300.

KLEIN, Jürgen, “Francis Bacon’s Scientia Operativa, The Tradition of the Workshops, and The Secrets of Nature”, *Philosophies of Technology: Francis Bacon and his contemporaries*, ed. Claus Zittel et. al. (Leiden : Brill, 2018) 21-49.

OWEN, Richard et. al. (eds.), *Responsible Innovation: Managing the Responsible Emergence of Science and Innovation in Society* (Chichester: Wiley, 2013) 51-74.

ROSSI, Paolo, “Bacon’s idea of science”, *The Cambridge Companion to Bacon*, ed. Ed. Markku Peltonen (Cambridge: Cambridge University Press, 1996) 25-46.

*These texts will be uploaded to Moodle