SciArt Resonances IV Summer School





#jrcsciart #naturarchy





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Trees, forests, rivers, mountains, seas, stardust, DNA imagine the environment not as the backdrop of our activities, imagine objects of nature not as items to be appropriated or exploited, but as subjects with intrinsic value and full juridical rights. Cancel the tired subject-object dichotomy between person and environment, the obsolete opposition nature and culture that does not hold in view of modern scientific discoveries; do away with conditions of mastery, appropriation, and submission; reimagine human concerns as unreservedly dependent on the natural world, integrated within nature. Only such a shift in our conceptualisation of nature can change our deep relation to the matter, species, ecosystems around us. A real Green Deal requires a systemic change of ground.

Pushing beyond Rousseau's social contract, NaturArchy: Towards a Natural Contract, calls for a more inclusive and equitable contract with our environment.

Establishing a different relation with nature is a prime condition to acquire the necessary attitudes and skills to combat global warming. To limit our tremendous environmental impact. To free nature from the onslaught of human development – do we need to rearticulate her immanent sovereignty and decolonise her into sustainability again?



Simply ensure legally enforceable rights to natural entities: and suddenly any decision as to what is the right or wrong action concerning the environment no longer hinges on human concerns. Trees, planets, clouds and roots: we want to explore how the material world matters, develop ways to understand the languages of nature and their legitimacy. Moulds, yeasts, grains, herbs: we also want to deepen our collective awareness on the tremendous legacy of humans in their intercourse with nature.

NaturArchy aims to explore – through artistic, scientific and legal expressions – how providing Nature and its phenomena with a contract that integrates her totally into our society can redefine our anthropocentric relationship with Nature. Intersecting science and law, reason and style, art and judgment, policy and imagination,

NaturArchy wants to re-imagine the western relation of human and non-human, in an attempt to ensure juridical persona to Nature's many wonders, be they stardust or DNA.

curatorial statement



09.30 | Conference Centre, Building 36 Welcome Director Sabine Henzler, Jutta Thielen-Del Pozo, Adriaan Eeckels

10.45 |

Introduction: NaturArchy & the Green Deal Caterina Benincasa, Claudia Schnugg, Ingeborg Reichle

12.00 |

Keynote: Nature & Law

Saskia Vermeylen, Jojo Mehta, Letty Fajardo Vera Anna Berti Suman (moderator)

13.45 |

Lunch

14.30 | Balcony of Building 102 Speed dating

16.30 | JRC Ispra site Site tour: Walking in History

18.00 | Building 36 Navette pick up



09.30 | Conference Centre, Building 36 Art fair Presentation of work by artists

10.45 | Science fair Presentation of work by scientists

12.00 |

Keynote: Human & Non-Human agents

Maria Antonia Gonzales Valerio, Jol Thoms, Alan Belward Ingeborg Reichle (moderator)

13.45 | Lunch

14.30 |

Workshop: Art, Science & the New European Bauhaus Xavier Troussard, Richard van der Laken, Jutta Thielen-del Pozo (moderator)

16.30 | Lab visit @ EMSL / PoliMi students workshop

18.00 | Building 36 Navette pick up

20.00 | Hotel Belvedere, Ranco **Social dinner** (registration only)



09.30 | Conference Centre, Building 36 Workshop: Design & Biomaterials Jan Boelen & Atelier Luma (introduced by Ioannis Vakalis)

10.45 |

Agora/Conclave

10:45 Maciek Krzysztofowicz, Horizon Scanning: bringing emerging issues to policy
11:15 Grégoire Dubois, The dilemmas of a JRC scientist faced with the destruction of nature
11:45 Jens Hauser, Towards a General Chlorophobia

12.00 |

Keynote: Vibrations Matter: the Art & Science of Deep Listening Victoria Vesna (introduced Claudia Schnugg)

13.45 |

Lunch

14.30 |

STEAM Ecology: SciArt & Education

Guna Nadarajan, Michael Hoch, Stephane Chaudron, pETER Purg, Anna Ferri Franca Zuccoli, Naouma Kourti (moderator)

16.30 |

Lab visit @ EMSL / PoliMi students workshop

18.00 | Building 36

Navette pick up > Wine tasting in Angera (registration only)



09.30 | Conference Centre, Building 36 Reindeer Herding, Traditional Knowledge and Adaptation to Climate Change Elle Márjá Eira

10.45 |

Agora/Conclave

10:45 Sandra Coecke, NaturArchy + Recentering the human = Quantum Brain + Covid19 + NatureConnect
11:15 Frank Dentener, The drivers of climate change: the policy relevance of concentrations, emissions and their impacts
11:45 Giacomo Grassi, On the importance of comparing apples to apples when assessing climate progress.

12.00

Performative Lecture: Circular Gaia, Post-growth

Honey&Bunny, Céline Charvériat, Mario Giampietro, Andrew Fanning, Rob Shorter, Michele Graziano Ceddìa (moderator)

13.45 |

Lunch

14.30 |

Changing the Ground: Science, Art & Public Engagement Céline Charvériat, pETER Purg, Arco Timmermans, Ângela Pereira (moderator)

16.30 |

Lab visit @ Nuclear Facilities / PoliMi stundents workshop

17.15 | Auditorium, Building 58 Performance: Usmaradio Crown Quartet

18.00Building 36Navette pick up



09.30 | Conference Centre, Building 36 **The Blue Mirror**

Jacques Verborgh, Dianna Cohen, Manuel Rivera, Caterina Cacciatori, Naouma Kourti (moderator)

10.45 |

Agora/Conclave

10:45 Lucia Iglesias, Natura 2000/EU Nature policy11:15 Julian Keimer11:45

12.00 |

Keynote: Changing the Ground: Renewing Our Mental Models Christopher Watkin, Introduced by Adriaan Eeckels

13.45 |

Lunch

14.30 |

Futurity: What with SciArt and NaturArchy? Ariane Koek, Roger Malina, Adriaan Eeckels introduced by Caterina Benincasa, Claudia Schnugg, Ingeborg Reichle

16.30 | Closing session

16.30 |

Lab visit @ Nuclear Facilities / PoliMi students workshop

18.00Building 36Navette pick up



