FEAT
Future Emerging Art & Technology

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Media contact: ester@waag.org | giuseppe.saija@youris.com | berghuber@eutema.com

AMSTERDAM/VIENNA We are pleased to announce six groundbreaking new collaborations between leading international artists and top notch European scientists. Over the next nine months, they will team up to create high-impact outcomes to turn Europe's excellent scientific research community into a competitive advantage.

During an exciting two-day matchmaking event (March 17-18) our project, Future and Emerging Art and Technologies (FEAT), has paired six artists with scientists running research projects in the context of the EU backed programme, Future and Emerging Technologies (FET). Professionals from both disciplines will join forces to maximize the impact of the Europe's top research in the fields of quantum physics, supercomputing, robotics, and more.

FEAT Funded Artists in Residence

The six funded artists and artist's teams in residence are Anna Dumitriu (UK), Ruth Jarman and Joe Gerhardt (Semiconductor, UK) Evelina Domnitch & Dimitry Gelfand (Belarus/Russia), Pinar Yoldas (Turkey), Špela Petrič & Miha Turšič (Slovenia) and Vicky Isley & Paul Smith (boredomeresearch, UK). Five artists in residence were chosen out of more than 260 applications based on the artistic and executive quality of their portfolio as well as the expected societal impact and collaboration with scientific projects, and are joined by the FEAT artist partner Anna Dumitriu. Please find attached below all artists' bios and portfolio websites.

The collaboration between the artists and scientists take the form of a nine month artist-in-residence programme. Erich Prem (Eutema) and Lucas Evers (Waag Society) will be responsible for mentoring both artists and scientists during their collaboration. At the conclusion of the programme, the resulting artworks will be exhibited. The time and place of the exhibit will be announced soon.

Due to the overwhelming amount of artist applications, the FEAT selection committee has decided to look for alternative ways to form more teams. New pairings are still being made.

The teams:

1. Anna Dumitriu (UK) and MRG-Grammar – new strategies for deciphering gene regulation [http://www.mrg-grammar.eu]
2. Ruth Jarman & Joe Gerhardt (Semiconductor, UK) and QuProCS – quantum simulations and quantum computing [http://www.quprocs.eu/]
3. Evelina Domnitch & Dimitry Gelfand (Belarus/Russia) and RySQ – developing quantum simulators with Rydberg atoms [http://cordis.europa.eu/project/rcn/193719_en.html]
4. Pinar Yoldas (Turkey) and DIACAT – novel ways of catalytic CO2 conversion [http://www.diacat.eu/]
5. Špela Petrič & MihaTuršič (Slovenia) and INTERTWINE & Mango – future high power Exascale computing systems [http://www.intertwine-project.eu/] [http://www.mango-project.eu/]
6. Vicky Isley & Paul Smith (boredomeresearch, UK) and subcultron – underwater, self-learning swarm robotics [http://www.subcultron.eu/]

More about the artists:

Anna Dumitriu (1969) is a British artist whose work fuses craft, technology and bioscience to explore our relationship to the microbial world, biomedicine and technology. Dumitriu has a strong international exhibition profile, having exhibited at The Picasso Museum in Barcelona, The Science Gallery in Dublin, The Museum of Contemporary Art (MOCA) Taipei, and The V & A Museum in London. Her work is held in several major public collections, including theScience Museum London and Eden Project (Cornwall, UK). http://www.normalflora.co.uk

Ruth Jarman & Joe Gerhardt (Semiconductor) In their moving image and other art works Semiconductor explores the material nature of our world and how we experience it through the lens of science and technology, questioning how they mediate our experiences. Their unique approach has won them many awards and prestigious fellowships including; Samsung Art + Prize 2012 for new media, a NASA Space Sciences Fellowship and the Collide@CERN Ars Electronica Award. Exhibitions and screenings include *Let There Be Light*, House of Electronic Arts, Basel (solo show); *Worlds in the Making*, FACT, Liverpool (solo show); *Da Vinci: Shaping the Future*, http://semiconductorfilms.com/

Vicky Isley & Paul Smith (boredomresearch) Boredomresearch's artworks express a fascination with the mechanics of the natural world, exploiting computation to create visual experiences, often highly aesthetic and poetic in nature. Among their works are *AfterGlow* (2016), an Animate Projects commission funded by the Wellcome Trust, *Dreams of Mice: Ron, 19 October 2014 at 2:48am* (2015), BLAST (Bournemouth Lab of Art, Science & Technology) in 2015 at Bournemouth University - a program of interdisciplinary workshops and eco-action events; demonstrating the value of art as a catalyst for negotiating the complexities of rapid, technologically complex, social and ecological change. http://www.boredomresearch.net/

Evelina Domnitch & Dimitry Gelfand Evelina Domnitch and Dmitry Gelfand create sensory immersion environments that merge physics, chemistry and computer science with uncanny philosophical practices. Having dismissed the use of recording and fixative media, Domnitch and Gelfand's installations exist as ever-transforming phenomena offered for observation. In order to engage ephemeral processes, the duo has collaborated with numerous scientific research facilities, including the Physics Institute of Goettingen University, the National Institute of Advanced Sciences and Technologies (Nagoya), and the European Space Agency. They are recipients of the Japan Media Arts Excellence Prize (2007), and four Ars Electronica Honorary Mentions (2013, 2011, 2009 and 2007). http://www.portablepalace.com/

Pinar Yoldas is a cross-disciplinary artist/researcher based in Durham, North Carolina. Her work develops within biological sciences through architectural installations, kinetic sculpture, sound, video and drawing with a focus on post-humanism, eco-nihilism, anthropocene and feminist technoscience. Her solo shows include AlterEvolution, Ekavart, Istanbul (2013), An Ecosystem of Excess, Ernst Schering Project Space, Berlin (2014), An Ecosystem of Excess ; Aksioma, Ljubljana. Her group shows include ThingWorld, NAMOC National Art Museum of Beijing (2014); Transmediale Festival, Berlin (2014); Tiere und Menschen, Museum Ostwall, Dortmund (2014), Polytech Museum,

Moscow (2015), ExoEvolution at ZKM (2015) and 14th Istanbul Biennial (2015). http://pinaryoldas.info/

Špela Petrič & Miha Turšič have been working together for several years and have a background in natural sciences, new media, bio art, product design, space culturalisation and postgravity art. They merged their efforts in the development of new artistic methodologies as a response to new conditions, knowledge and technology; to research the subjective, context dependent value of scientific knowledge; the development of artistic entities; to study the human condition in relation to the non-human; and to research art and humanities in outer space. http://www.spelapetric.org/

"Intuitively, we don't have a picture of what the quantum world is all about. By making it tangible on this level, we will be stimulated to develop new theories"

"The artists will provide the public with a narrative that helps them understand why this is so important."

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