

**31th EUROPEAN CONFERENCE
ON PHILOSOPHY OF MEDICINE AND HEALTH CARE
16 – 19 August 2017**

EMERGING TECHNOLOGIES IN HEALTHCARE

PROGRAMME

Wednesday, 16 August		HOTEL M BELGRADE BULEVAR OSLOBODENJA 56A 11000 BELGRADE
16.00-18.00		REGISTRATION ROOM: LOBBY AT HOTEL M
18.00-18.15		OPENING CEREMONY SPEAKERS PROF. CHRISTOPH REHMANN-SUTTER, PRESIDENT OF THE ESPMH PROF. VOJIN RAKIC, DIRECTOR OF THE CENTER FOR THE STUDY OF BIOETHICS ROOM: A
18.15-19.45		Plenary Session 1 PROF. NICHOLAS AGAR UNIVERSITY OF WELLINGTON, ASSOCIATE MEMBER OF THE CENTER FOR THE STUDY OF BIOETHICS: "HOW TO RESTORE FAITH IN UTILITARIANISM" <i>Chair: Prof. Arthur Caplan</i> ROOM: A
20:00		WELCOME RECEPTION VENUE: HOTEL M BELGRADE

**Thursday,
17 August
(morning)**

HOTEL M BELGRADE
BULEVAR OSLOBODENJA 56A
11000 BELGRADE

Plenary Session 2

PROF. CICELY ROCHE, PRACTICE OF PHARMACY, TRINITY COLLEGE DUBLIN:

“NEW AND INNOVATIVE HEALTH TECHNOLOGIES FOR ENHANCED PUBLIC HEALTH - CHALLENGES AND ETHICAL ISSUES”

Chair: Prof. DusankaKrajnovic

ROOM:A

09.00-10.00

10.00-10.30

BREAK

**Session 1.1
Enhancement I**

ROOM:A

Chair:Jeremy Sugarman

**Session 1.2
Genome editing**

ROOM:B

Chair:Ainsley J. Newson

**Session 1.3
Dementia & aging**

ROOM:C

Chair:David Badcott

**Session 1.4
Medicalization**

ROOM: E

Chair:Darryl Gunson

**Session 1.5
Sex, reproduction &
selection**

ROOM:D

Chair:ChristophRehmann-Sutter

**Session 1.6
Public health**

ROOM:F

Chair: Johan Melse

10.30-10.55

**You say 'Enhancement',
but I say
'Enhancement'... Let's
call the whole thing off**
Søren Holm

**They're going to CRISPR
People. What could
possibly go wrong?**
Nancy King

**Assistive technologies for
persons with dementia**
Anders Nordgren

**Participatory
medicalization: How
digital health transforms
medical paternalism**
Henrik Vogt, Linn Getz,
Bjørn Hofmann

**Sex, Drugs, and how to
deal with criticism: The
case of filibanserin**
AnkeBueter, SaanaJukola

11.00-11.25

**Considering
biotechnological
enhancement in sport,
academia and elsewhere**
Richard Robeson

**The responsibility of
women at the time of
genome editing**
Maurizio Balistreri

**Robots in care of persons
with dementia**
Fiachra O'Brolchain

**Disease mongering - the
case of advertising drugs
for restless legs syndrome
in Poland**
Emilia Kaczmarek

**Preimplantation genetic
diagnosis: ethical and
legal controversies**
Igor Milinkovic

**How should public
health policy makers
deal with upcoming
developments in
technology?**

11.30-11.55

**From enhancement to
correction of
'evolutionary mistakes'**
Sergey Shevchenko

**Textuality of genome
editing**
JuditSándor

**Health, life extension and
successful aging**
Pablo García-Barranquero

**Parental exclusivity and
third-party contributions
to the creation of children**
Daniela Cutas

**On the undecidable
propositions used in the
descriptions of the
successive stages of the
embryo**
LudwikKostro

An interactive workshop

Jacqueline Pot &
Johan Melse

12.00-12.25

**Why women are not
mentioned in the
discussions about
enhancing?**
FridaSimonstein

**Rewriting genomes: from
gene editing to the
synthetic cell: A
Teilhardian assessment**
Hub Zwart

**The transformation of the
"Arsmoriendi" to
"Medicalized death"**
ErcanAvci

12.25-14.00

LUNCH

VENUE: HOTEL M BELGRADE

**Thursday,
17 August
(afternoon)**

**HOTEL M BELGRADE
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	Session 2.1 Enhancement II ROOM:A <i>Chair:Richard Robeson</i>	Session 2.2 Biobanks ROOM:B <i>Chair:JuditSándor</i>	Session 2.3 Informed consent&decision making ROOM:C <i>Chair:EugenijusGefenas</i>	Session 2.4 Changing patient-physician relationship ROOM:E <i>Chair:Amy VanDyke</i>	Session 2.5 Education ROOM: D <i>Chair:GardarArnason</i>	
14.00-14.25	Enhancing consent JakubZawiła-Niedźwiecki	Risk-benefit assessment in biobank research Joanna Rozynska	Physicians' communication patterns for motivating rectal cancer patients to biomarker research participation Sabine Wöhlke, Julia Perry, Silke Schicktanz	The effect of online interruption in patient-doctor encounter on patient perceived service quality AmitGur, Eilat Chen Levy, Yaron Ariel	Comparative mapping of casuistic methods in bioethics teaching: A pilot study PéterKakuk	Session 2.6 Special seminar (see below) ROOM:F
14.30-14.55	Attitudes of medical students from Malaysia, India and Russia toward human enhancement Elena Grebenshchikova	How challenging is an ethical framework for biobanks in practise? VěraFranková	Individuals and genomics: patient perspectives about sharing information with relatives after NGS testing Wannes Van Hoof & Katrien Moens	Transmission of information related to family genetic diagnosis Edna Katzenelson	Technologies and care relations; The special case of food care Dorien W. Voskuil, Matthijs F. Fleurke, Deirdre Beneken	
15.00-15.25	Making life extension possible: An ethical duty? Didier Coeurnelle	Ethical, legal and cross- cultural issues regarding umbilical cord bio banking in Africa Sylvester C. Chima	The need for data to inform ethical analyses of novel HIV+ to HIV+ organ transplants Jeremy Sugarman et al.	The future of general practitioners facing new technologies Daniel Widmer, Daniela Cerqui		
15.30-15.55			The pre-informed patient Stephan W. Sahn			

Thursday,
17 August
(afternoon)

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Session 2.6

ROOM: F

Special seminar:

The digital patient: the shortest way to (idle) empowerment?

Chair: IgnaasDevisch

14.00-15.55

Topic:When talking about ehealth, mhealth or the digitalization of healthcare, almost everyone seems to agree upon the fact that digital technology has transformed the way we live our lives in general, and our relationship to health in particular. In order to avoid simple statements about the challenges of innovation in healthcare, we should ask ourselves what exactly is going on today. Are we dealing with a paradigm shift in the way Thomas Kuhn and Larry Laudan have written about and up what level does this have an effect on the doctor-patient relationship? Does the revolution in genetic screening and the knowledge of all of our health risks, lead to more autonomy or to more anxiety and existential worry? As people become increasingly interested in using digital tools to manage their health and wellbeing, it is said that patients will become the managers of their health. Though digital health may generate effects on the side of empowerment, it can also lead to disempowerment or idle empowerment: as we become more dependent from technology and apps, will technology take over our decisions? And what if the patient fails to follow up the nudges or incentives stemming from apps? Will they be punished for not being responsible for their own health? And what about the increasing amount of incidental findings? Does more knowledge lead to more or less uncertainty? And does the focus on the measurable and the digits not lead to a meritocratic logic resulting into 'you deserve the health you invested in', leaving behind all the certainties and ambivalences of daily life?

We will make a critical analysis of the digital patient and its relation to empowerment in general and elaborate on specific topics (relationship doctor-patient, incidental findings, uncertainty of cancer patients in dealing with health information) in particular.

Contributions:

- Tania Moerenhout (Ghent University, Belgium; University of Pittsburg, USA):
"E-health beyond technology: Analyzing the paradigm shift that lies beneath"
- MarliesSaelaert (Ghent University, Belgium):
"Incidental findings: Inherent part of patients' identity or unwillingly imposed digitalization?"
- Tania Moerenhout (Ghent University, Belgium; University of Pittsburg, USA):
"Between 'Entertainment Medicine' and Professionalization of Healthcare: An Interview Study of Belgian Doctors"
- Yasmien De Ly (Ghent University, Belgium):
"Digitalization of healthcare from a patient's perspective/through the patient's lens"

17.30-20.30

WALKING SIGHTSEEING TOUR TO THE CITY

**Friday,
18 August
(morning)**

HOTEL M BELGRADE
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Plenary session 3

PROF. ARTHUR CAPLAN, NEW YORK UNIVERSITY'S LANGONE MEDICAL CENTER, ASSOCIATE MEMBER OF THE CENTER FOR THE STUDY OF BIOETHICS:
"RATIONING COMPASSION— THE NYU COMPASSIONATE USE ADVISORY COMMITTEE (COMPAC) EXPERIMENT"
Chair: Robert Sparrow
ROOM:A

09.00-10.00

10.00-10.30

BREAK

**Session 3.1
Germline interventions
& naturalness**
ROOM:A
Chair: Daniela Cutas

**Session 3.2
Emerging technologies
& healthcare I**
ROOM:B
Chair: Ana Borovecki

**Session 3.3
Prosthetics**
ROOM:C
Chair:Robert Sparrow

**Session 3.4
New treatments**
ROOM:E
Chair:Joanna Rozynska

**Session 3.5
Health & disease**
ROOM:D
Chair:PéterKakuk

**Session 3.6
Enhancement III**
ROOM:F
Chair:Petra Gelhaus

10.30-10.55

**Time to rethink
germline intervention
issue in The Oviedo
convention**
Peter Sykora

**Emerging technologies,
emerging moralism?**
Johanna Ahola-Launonen

**Embodiment and
prosthetics: Towards a
more fine-grained
account of bodily
ownership**
Mary Jean Walker

**The complex
relationship between P4
medicine and
pharmaceutical
innovation**
David Badcott

**Assistive technology,
work and health:
Ethical issues**
Jacques Tamin

Amplio, Ergo Sum
David R. Lawrence

11.00-11.25

**Ontology and germ line
genetic enhancement**
Timothy Mosteller

**Improving population
health with innovation
in Central Ohio, USA**
Amy VanDyke

**Advanced prosthetics-
An ethical dilemma**
Steve Firth

**Nanomedicine and
human health**
VittoriaViganò, Mario
Picozzi

**Mental illness, spirit
possession and female
Muslims in Scotland**
Darryl Gunson

**The ethical impact of
enhancement goals in an
evolutionary perspective**
Robert Cliquet,
DraganaAvramov

11.30-11.55

**Human
reproduction/nature as
the object of
technoscience**
Nadia Primc

**Genome editing outside
professional settings:
New challenges to
governance**
Marko Ahteensuu

**About the
multidisciplinary
character of ethical
problems in modern
prosthetics**
Elena Shataeva

**Exoskeleton for gait
training in spinal cord
injured people: Should I
respond to the budget or
to the person?**
Federico Nicoli et al.

**Pharmacological moral
enhancement. The case
of ADHD**
MatteoGalletti

**Human enhancement
and human capabilities**
IvarsNeiders

12.00-12.25

**Rehabilitating nature?
Naturalness and the
naturalistic fallacy in
mainstream bioethics**
Anna Smajdor

**The organism-machine
distinction: Implications
for bio-technology**
Stephen Tyreman

**Session
3.7
Special
seminar
(see below)**
ROOM:G

12.25-14.00

LUNCH
VENUE: HOTEL M BELGRADE

Friday,
18 August
(morning)

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Session 3.7

ROOM:G

**Special seminar:
“Phenomenology of medical technologies and their emergent normativities”**

Chair: ChristophRehmann-Sutter

10.30-12.25

Topic:Phenomenology is a methodology for describing, ordering and understanding lived experience. As such, it can be specifically applied to the lived experience of illness, and in particular to the changes in the first-person experiences due to new and emerging medical technologies. An investigation of emerging technologies helps to see more clearly what kind of ethical questions we need to pose, to clarify and to discuss. New and emerging medical technologies, such as CRISPR-Cas systems for genome editing, or high-performance computing used in big data research, and precision medicine not only lead to new moral dilemmas, but also influence how patients, families, and healthcare systems experience and conceptualize suffering, disease, normality and the 'goods' in life. In diverse ways, new moral practices develop, cultural scripts are effectuated, and seemingly neutral tools themselves are perceived as containing inherent normativities. Medical technologies can change the lived experiences of illness for patients in a number of different ways. For instance, technology can reveal that a person has a disease although she does not experience any symptoms (e.g., by imaging techniques, blood tests). New diagnostic technology can reveal risk factors for developing diseases (e.g., high blood pressure or genetic tests that reveal risks of falling ill in the future).. Moreover, technology can affect the illness experience itself (e.g., the way blood sugar measurement affects the perceived symptoms of diabetes, or the way a psychiatric diagnosis defines certain clusters of symptoms as a mental disorder). Additionally, therapeutic technologies may affect our experiences of a certain condition as diseased rather than normal but unfortunate (e.g., IVF and ARTs).The relationship between a person’s experiences and her own-body seems to be crucial in this regard and the phenomenological way of approaching illness as a lived, bodily being-in-the-world is a promising approach for better understanding and evaluating the effects that medical technologies may have on our health, not only in diagnosing or treating diseases, but also in creating new vulnerabilities and making us feel less healthy in different regards.

Contributions:

- ChristophRehmann-Sutter (University of Lübeck, Germany):
“Why bioethics needs phenomenology: Critically reflecting on emerging technological practices”
- Bjørn Hofmann (University of Oslo, Norway):
“On how technology is forming our illness experience – and some reflections on what implications this has for the phenomenology of technology”
- Kristin Zeiler (Linköping University, Sweden):
“Why bioethics benefits from a cross-reading of (feminist) phenomenology and science and technology studies. On the co-shaping of subjectivities, technologies, and normativities”
- Fredrik Svenaeus (Södertörn University, Sweden):
“DSM and the Gestell: Heidegger’s philosophy of technology and diagnostic psychiatry”

Friday, 18 August (afternoon)	HOTEL M BELGRADE BULEVAR OSLOBOĐENJA 56A 11000 BELGRADE					
	Session 4.1 Moral enhancement ROOM: A <i>Chair: Nancy King</i>	Session 4.2 Emerging technologies & healthcare II ROOM: B <i>Chair: Stephan Sahn</i>	Session 4.3 Transplantation & organs ROOM: C <i>Chair: Fredrik Svenaeus</i>	Session 4.4 Genetics tests & counselling ROOM: E <i>Chair: Anders Nordgren</i>	Session 4.5 Emerging reproductive technologies ROOM: D <i>Chair: Frida Simonstein</i>	Session 4.6 Animal research ethics ROOM: F <i>Chair: Ivars Neiders</i>
14.00-14.25	Moral enhancement – An issue in adolescent forensic psychiatry? Jan Schuermann, Mara Muehleck, Stella Reiter-Theil	How technology constructs values Bjørn Hofmann	Uterus transplantation - New procedure, new problems Katarzyna Chludzińska	German lay perceptions of direct-to-consumer genetic testing Manuel Schaper et al.	The face of bioethics in international law: The case of human reproductive cloning Shlomit Zuckerman	Animal research ethics Gardar Arnason
14.30-14.55	On moral enhancement in the overmedicated society Julija Erhardt, Dubravka Švob Strac	Timely manners – Some epistemological issues in translational medicine Daria Jadreškić	An exploration of different actors' accounts of uterus transplantation Lisa Guntram	The evolving market for direct-to-consumer genetic testing and the ethical implications implicit in such changes Wayne X Shandera	Can we consistently prohibit reproductive cloning while accepting the reproductive use of stem cell-derived gametes? Seppe Segers	A realistic ethical ideal of non-human animal use in science Joanna Wysocka-Andrusiewicz
15.00-15.25	Moral enhancement and human enhancement: better morality for better biotechnologies? Roman R Belyaletdinov	What factors influence a healthcare organization's implementation of new and emerging technologies as treatments for disease? Nikolija Lukich	Human-animal chimera as source of 'human' organs Henk Jochemsen	Future healthcare professionals' opinions on ethical issues concerning genetics tests and pharmacogenetics Dusanka Krajnovic, J Brkic, J Arsic	The emerging normativity of aneuploidy testing in PGD Christoph Rehmann-Sutter	
15.30-15.55	The moral biomedical enhancement and the key role of the context Alessia Araneo	Ethical guidelines for a population-based health monitoring based on emerging technologies Luciana Caenazzo, Renzo Pegoraro	Artificial organs and obsolescence Robert Sparrow			
16.00-16.30	BREAK					
16.30-17.30	ESPMH GENERAL ASSEMBLY ROOM: A					
19.30-23.30	CONFERENCE DINNER VENUE: GABBIANO RESTOURANT ZEMUNSKI KEJ BB					

Saturday 19 August (morning)	HOTEL M BELGRADE BULEVAR OSLOBODENJA 56A 11000 BELGRADE					
09.00-10.00	Plenary Session 4 PROF. JOHN HARRIS, UNIVERSITY OF MANCHESTER, ASSOCIATE MEMBER OF THE CENTER FOR THE STUDY OF BIOETHICS: “THE CHIMES OF FREEDOM: BOB DYLAN, EPIGRAMMATIC VALIDITY & ALTERNATIVE FACTS” <i>Chair: Prof. VojinRakic</i> ROOM: A					
10.00-10.30	BREAK					
	Session 5.1 Cognitive enhancement ROOM: A <i>Chair: Søren Holm</i>	Session 5.2 BCIs, brain implants & 3D bioprinting ROOM: B <i>Chair: Fiachra O’Broilchain</i>	Session 5.3 Death & dying ROOM: C <i>Chair: Bjørn Hofmann</i>	Session 5.4 Genomics & big data ROOM: E <i>Chair: Wayne X Shandera</i>	Session 5.5 Research with human participants ROOM: D <i>Chair: Stephen Tyreman</i>	Session 5.6 End-of-life issues ROOM: F <i>Chair: Gerrit Kimsma</i>
10.30-10.55	Cognitive enhancement, therapy, education – Synonyms or morally distinct? Petra Gelhaus	The BCI application by DOC patients in-between claim rights and liberty rights Anto Čartolovni	Truth or consequences about brain death John P. Lizza	Ethics and prudential adoption of genomic sequencing in clinical practice and public health Ainsley J. Newson	Concepts of hope in clinical medicine and medical research Gerald Neitzke	Belgian Muslim women and treatment decisions at the end of life Chaïma Ahaddour
11.00-11.25	Cognitive enhancement in children: A risk of creating 'superhuman' disabled? Jenny Krutzinna	The brain in action: Brain-computer interfaces and human agency Steffen Steinert, Friedrich Orsolya	The phenomenology of brain death Fredrik Svenaeus	Patient data is not the patient’s voice: Towards more reciprocal medical ethics Corine Mouton Dorey	Ethical challenges in applying Crowd Science to Research with human beings Gila Yakov et al.	Labeling end-of-life decisions as “killing” or “letting die”: A descriptive or normative task? Blanca Rodriguez Lopez et al.
11.30-11.55	Civil liability of a cognitively enhanced surgeon Andrzej Girdwoyń	The human body in the age of mechanical reproduction: 3D bioprinting for purposes “beyond therapy” Alexandre Erler	Harmonisation and dissemination of best practice, educating and alleviating concerns of health care professionals on the proper practice of end of life Pierre Mallia	Challenging the right not to know: Incidental findings, biobanks and clinical screening programmes Eugenijus Gefenas et al.	New revolutions and evolutions in and around healthcare Bert Vanderhaegen	LVAD: Is it an ethical option for all patients with an end-stage cardiac disease? Jacopo Testa et al.
12.00-12.25	Human cognitive enhancement through brain-computer interfaces and brain implants Toni Pustovrh	Ethics of 3D bioprinted human tissues Anna Blum		Consent and uncertainty in biobanking and biomedical data mining Philip Nickel	The precision medicine initiative as a health-data driven cosmology Mira Vegter	Completed Life. Could a ‘completed life’ be reason for legally assisted suicide? Carla Kessler
12.30-13.00	CLOSING SESSION SPEAKERS: ESPMH BOARD MEMBERS ROOM: A					