

8th Annual Conference
Conference Program – draft as of April 26
Subject to change

***The Ethical Implications of
Emerging Military Technologies***

Infantry Academy, Toledo, Spain

13–16 May 2018



**KING'S
College
LONDON**

**CASE
WESTERN
RESERVE
UNIVERSITY**
INAMORI INTERNATIONAL
CENTER FOR ETHICS
AND EXCELLENCE



Norge Forsvaret
Feltprestkorps



Sunday, 13 May 2018

18:00-19:30 hrs **Guided tour through the medieval centre of Toledo**

Meeting point: Plaza Zocodover, village centre

19:30 **Informal reception**

Hotel King Afonso VI

Monday, 14 May 2018

Time	Session	Location
08:10 – 08:30 hrs	Ecumenical morning prayer (optional)	military chapel
08:30 – 09:00	Registration and Coffee	Academy Main Entrance
09:00 – 10:40	Opening address by Brigadier General Benoit Royal, <i>President of EuroISME</i>	Auditorium
Plenary Session	Words of welcome on behalf of the Infantry Academy by the Commandant, Col. Francisco Javier Marcos Izquierdo	
09:40-10:10	Inaugural address by H.E. Mr. Marcelino Oreja Aguirre, Honorary President of the Royal Academy of Moral and Political Sciences	
10:10-10:55	Keynote address by Prof.dr Holger Mey (Germany), “Autonomous Systems, Combat Robots, and Artificial Intelligence – Some Ethical Considerations from a Defense Analyst’s and an Industry Perspective” Q & A session	
10:55 – 11:15 hrs.	Practical announcements, followed by a coffee Break	Adjacent to the auditorium
11:15 – 12:45	Panel 1: Moral questions concerning the deployment of new weaponry (1) Chair: Prof.dr. Jovan Babić (Serbia; EuroISME BoD) <ul style="list-style-type: none"> Victor Martin (Spain), “The letter of Future of Life addressed to the UN Secretary General on banning autonomous weapons” Prof. dr. Asa Kasher (Israel), “What is essentially human in combat?” Mil. Superior MMag. Stefan Gugerel, (Austria), “Autonomous military technology in ‘Star Trek’” 	Class room A <u>24N</u>
Parallel Sessions	Panel 2: The enhanced soldier Chair: Col. David Barnes (USA; NA ISME BoD) <ul style="list-style-type: none"> Gérard de Boisboissel (France), “How can the human deficiencies be countered on the battlefield?” 	Doctorate room <u>11N</u>

- Dr. Renaud Bouvet (France), “The role of the medical officer and human enhancement”
- Dr. Jean-François Caron (Kazachstan), “The theory of the super-soldier: the morality of capacity increasing technologies in the military”
- Brig.Gen. (ret) Benoit Royal, (France; EuroISME, BoD), “The recruitment and selection of French Army soldiers through the prism of enhancement”

Class room B **25N**

Panel 3: Education and training in view of the emerging technologies

Chair: Col (ret) Prof.dr. Boris N. Kashnikov (Russia)

- Christopher J. Luedtke, PhD (USA) and Lt.Gen. (ret) Christopher D. Miller (USA), “Preparing leaders for complex conflict.”
- Lt.Col. Evaggelia Kiosi (Greece), “Ancient Greek Agos (ἀγος) and the warrior ethos”
- Dr. George Wilkes (UK), “Technology and ethics education for cross-cultural conflict”
- Jesse Kirkpatrick, PhD, (USA), “Emerging technology and virtue: human enhancement and virtuous super soldiers”

Panel 4: The moral and ontological status of AWS

Chair: Rev. Cdr. (ret) Leif Tore Michelson (Norway; EuroISME BoD)

Class room C **32N**

- Dr. Elke Schwarz (UK), “The (im)possibility of meaningful human control for autonomous/intelligent weapons systems”
- Dr. David Whetham, (UK; EuroISME, BoD) “The ethics of neuro-enhancement in a military context”
- Dr. Michael Robillard (UK), “War in intentional space”
- Dr. Suzanne Burri (UK), “Should All Further Development of AWS Be Banned?”
- Dr. Michael Skerker (USA), “A contractualist objection to autonomous weapons systems”

Panel 5: Fake news, propaganda, PSYOP

Chair: Capt. Michaël Dewyn (Belgium)

- Lt.Col. (ret) Timothy Lupfer (USA), “Fake news in war: a long and depressing history – and it’s now more dangerous in the digital age”
- Liezl Groenewald (South Africa), “War without blood: how fake news targeted South Africa’s weakest point”
- Dr. Audrone Petrauskaite (Lithuania), “Ethical dimension of military information operations”

Class room D **34N**

12:45 – 13:45

Lunch Buffet

officers mess, ground floor

13:45 – 15:15
Parallel Sessions

Panel 6: Can emerging military technologies be regulated?

Chair: Col. James Cook (USA; NA ISME BoD)

- Dr. Rain Liivoja (Australia), “Regulating Emerging Military Technologies: Is there anything new under the sun?”
- Chris Dent (Australia), “Regulating theory and emerging technologies in warfare”
- Dr. Richard Schoonhoven (USA; NA ISME BoD), “Cyberwar and Jus in Bello.”

Class room A **24N**

Panel 7: Lethal autonomous weapons systems

Chair: Kristina Tonn (Germany)

- Dr. Bernhard Rinke (Germany), “The discussion about lethal autonomous weapons systems in the moral philosophical literature”
- Dr. Bernhard Koch (Germany), “Language and seduction. The eroticism of autonomous weapons systems”
- Eric Germain, PhD, (France), “Lessons learnt from an 8 years’ experience in the French MoD on prospective ethics applied to AWS”

Doctorate room **11N**

Panel 8: Moral questions concerning the deployment of new weaponry (2)

Chair: Dr. Jean-François Caron (Kazachstan)

- Lt.Col Bob Underwood (USA), “On the repugnance of killer robots”
- Prof.dr. Ed Barrett (USA), “Non-lethal weapons”
- Prof.dr. Shannon French (USA, NA ISME BoD), “Code of the Robot: military virtues and artificial intelligence”

Class room B **25N**

Panel 9: critical views of just war theory (1)

Chair: Liezl Groenewald (South Africa)

- Maj. Joe Chapa (USA), “The MQ-9 Reaper and reasons *not* to kill”
- Dr. Shannon Ford, (Australia, APAC ISME BoD), “The moral exceptionalism of military combatancy: the moral reality of war”
- Dr. Uwe Steinhoff (Hong Kong), “On the errors of revisionism”
- Col. (ret) Prof.dr. Boris N. Kashnikov (Russia), “New technology and humanitarian terrorism”

Class room C **32N**

	<p>Panel 10: Cyber warfare (1) <i>Chair: Lt.Col.(ret) Dr. Daniel Beaudoin (France, Israel)</i></p> <ul style="list-style-type: none"> • Clara Maathuis (The Netherlands), “Disambiguating military (dis)advantage in cyber warfare” • Dr. Rod Thornton (UK) & Marina Miron (Australia), “Deterring Russian cyber warfare: the ethical constraints” • Prof.dr. Patricia Glazebrook (USA), “Military drones under the Trump administration” 	<p>Class room D 34N</p>
<p>15:15 – 15:35</p>	<p>Tea Break</p>	<p>Adjacent to Auditorium</p>
<p>15:35 – 16:30 Plenary session</p>	<p>Keynote address by Mr. Emmanuel Bloch, (Thales Group) <i>“The Good, the Bad and the Ugly: lobbying issues over ethics and emerging technologies between States, Businesses and NGOs”</i></p> <p>Q & A session</p>	<p>Auditorium</p>
<p>18:30 – 19:00</p>	<p>Reception</p>	<p>Hotel King Alfonso VI</p>
<p>19:00 – 22:00</p>	<p>Formal dinner</p> <p>Ceremonial presentation of EuroSME’s thesis prize by the Chairman of the jury: Rev. Col. Prof. Dr. Philip McCormack (UK)</p>	<p>Hotel King Alfonso VI</p>

Tuesday, 15 May 2018

Time	Session	Location
08:10 – 08:30	Ecumenical morning prayer (optional)	military chapel
08:30 – 09:00	Coffee – With book stand of our publisher, Brill/Martinus Nijhoff	Adjacent to Auditorium
09:00 – 09:45 Plenary Session	Keynote speech by Mr Vincent Bernard, International Committee of the Red Cross "Humanitarian Law and New Technologies: an ICRC perspective" Q & A session	Auditorium
09:45 – 10:15	Practical announcements, followed by a coffee Break – With book stand of our publisher, Brill/Martinus Nijhoff	Adjacent to Auditorium
10:15 – 11:45 hrs. Parallel Sessions	<p>Panel 11: Cyber warfare (2) <i>Chair: Dr. Daniel Messelken (Switzerland; EuroISME BoD)</i></p> <ul style="list-style-type: none"> • Rev.dr. Nikki Coleman (Australia), "Terrorism in space. Examining the issues and mitigating the risks" • Dr. Adam Henschke (Australia; APAC ISME BoD), "The Internet of Things: Cyber war will take place" • Dr. Veronika Bock (Germany), "The digital front. The internet as a war zone?" <p>Panel 12: The changing nature of moral responsibility in the light of emerging technologies <i>Chair: Dr. Shannon Ford (Australia; APAC ISME BoD)</i></p> <ul style="list-style-type: none"> • Rev. Cmdr. (N) Jan-Peter van Bruggen, (The Netherlands) "Does modern warfare require a new morality?" • Rev. Dr. Ken Matende (Canada), "Chaplains and ethical complexities of unmanned combat technology" <p>Panel 13: Moral psychology and modern technology <i>Chair: Dragan Stanar (Serbia)</i></p> <ul style="list-style-type: none"> • Marissa Kemp (UK), "Unmanned systems in modern warfare: risk and military ethic" • Dr. Mihaly Boda (Hungary; EuroISME BoD), "Courage in the age of high technology" • Col. James Cook (USA; NA ISME BoD), "Like Anio Annie, but now uncanny" • Dr. Zipi Gushpantz (Israel), "Elite units – leadership, cohesion and ethical issues" <p>Panel 14: iPRAW, international Panel on the Regulation of Autonomous Weapons <i>Chair: Dr. Uwe Steinhoff (Hong Kong)</i></p> <ul style="list-style-type: none"> • Dr. Marcel Dickow, (Germany), "Technological aspects of iPRAW's work" 	<p>Class room A <u>24N</u></p> <p>Class room B <u>25N</u></p> <p>Class room C <u>32N</u></p>

	<ul style="list-style-type: none"> Richard Lennane, (Switzerland), “The Futures Of Convergent Weapon System Oversight” <p>Panel 19: Just war and new military technologies <i>Chair: Prof.dr. Henri Hude (France; EuroISME BoD)</i></p> <ul style="list-style-type: none"> Dr. Marie-des-Neiges Ruffo de Calabre (Belgium) & Capt. Michaël Dewyn (Belgium), “Have new military technologies overwhelmed the classical theory of just war and ethics?” Dragan Stanar (Serbia), “The loss of innocence in the age of drones: redefining the notion of innocence in the age of drone warfare” 	Class room C 32N
14:45 – 15:30 Plenary Session	Keynote speech by Prof.Dr. Tamar Meisels (Israel) “Ethical and human rights aspects of the use of drones” Q & A session	Auditorium
15:30 – 15:50	Coffee Break – With book stand of our publisher, Brill/Martinus Nijhoff	Adjacent to Auditorium
15:50 – 16:35 Plenary Session	Keynote speech by Capt. Victor Fèvre/Dr. Olivier Kempf (France) “Is it ethical to hack the private smartphones of enemy soldiers” Q & A session	Auditorium
16:45 – 18:00	AGM (EuroISME members only)	Doctorate room 11N

No program for the evening!

Wednesday, 16 May 2018

Time	Session	Location
08:10 – 08:30	Ecumenical morning prayer (optional)	military chapel
08:30 – 09:00	Coffee – With book stand of our publisher, Brill/Martinus Nijhoff	Adjacent to Auditorium
09:00 – 09:45 Plenary Session	Keynote address by: Col. Prof. Dr. Chris Warner, NATO’s working group on mental health “Military mental health and moral decision-making” Q & A session	Auditorium

09:45 – 10:10

Coffee Break – With book stand of our publisher, Brill/Martinus Nijhoff

Adjacent to Auditorium

10:10 – 11:40

Parallel Sessions

Panel 20: Regulating the military use of artificial intelligence

Chair: Dr. Marie-des-Neiges de Calabre (Belgium)

- Dr. Ioana Lekea (Greece), “Discussing issues of responsibility, accountability and liability when AI agents and act during war: the case of training algorithms for attacking possible targets”
- Col. David Barnes (USA; NA ISME BoD), “AI and the military”

Class room A **24N**

Panel 21: critical views of just war theory (2)

Chair: Dr. Mihaly Boda (Hungary; EuroISME BoD)

- Jonas Feltes, M.Sc., (The Netherlands), “Re-thinking terrorist weapons of mass-destruction (WMD)”
- Dr. Lic. phil. theol. Markus Thurau (Germany), “Nuclear weapons and Christian ethics. Historical and present day dilemmas”
- Lu-Vada Dunford (Canada), “The Problem of Just War Theory for Terrorism”
- Prof.dr. (em) John Lango (USA), “Just cause crises and last-resort negotiations: just war theory and the *ius ante bellum*”

Class room B **25N**

Panel 22: moral injury (2)

Chair: Prof.dr. Ed Barrett (USA)

- Prof.dr. Rakesh Jetly (NATO working group on mil. psychiatry), “Moral dilemmas associated with following military orders”
- Dr. Megan Thompson (NATO working group on mil. psychiatry), “Battlefield ethics training: integrating ethical scenarios in high-intensity military field exercises” (*in absentia* to be delivered by Prof. Jetly)
- Monseigneur Franz Fahrner (Austria), -- a rebuttal

Doctorate room **11N**

Panel 23: Democracy under pressure

Chair: Dr. Paul Ertl (Austria; EuroISME BoD)

- Ian Fishback (USA), “Some moral and instrumental features of the transition to liberal democracy”
- Dipl-Soz. Meike Wanner (Germany), “The attitude of the German population towards equipping the *Bundeswehr* with drones”
- Marine Huchet, (France), “The General Data Regulation: ethical implications of emerging military technologies”

Class room C **32N**

11:50 – 12:20 Plenary Session	<ul style="list-style-type: none"> Adi Levy (Israel), “Ethics and military defections in non-violent resistance campaigns” 	
	Farewell address by: Admiral Juan Francisco Martínez Nuñez (Spain) Secretary of Defence for Political Affairs	Auditorium
12:20 – 12:35	Closing comments by the President of EuroISME, Brig.Gen. (ret) Benoît Royal	
12:35 – 13:30	Lunch Buffet	officers mess, ground floor
14:00	Departure of the coach to the airport (reserved seats only)	Main gate

Have a safe trip home and see you again in 2019!

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