DRAFT

PUBLIC WORKSHOP

The "good" algorithm? Artificial Intelligence, Ethics, Law, Health.

New Hall of the Synod – Vatican City
February 26th-28th, 2020

Wednesday, February 26th, 2020

Afternoon

15:00 – President's Welcome Address and Introduction

15:05 – Commemortion of Card. Elio Sgreccia

Session I - AI and Ethics
Chairs: Adriano Pessina and Alberto Bochatey

15:15 – Video clip BBC
        Jen Copestake – BBC (UK)

15:25 – Comment of the video clip

15:35 – What Ethics for AI?
        Luciano Floridi – Oxford University (UK)

16:05 – AI: Theological and Anthropological Questions
        Paolo Benanti – Pontificia Università Gregoriana (Italy)

16:35 – Ethical and Social Consequences of AI. Insights from Christian Social Ethics
        Alexander Filipović – Hochschule für Philosophie (Germany)

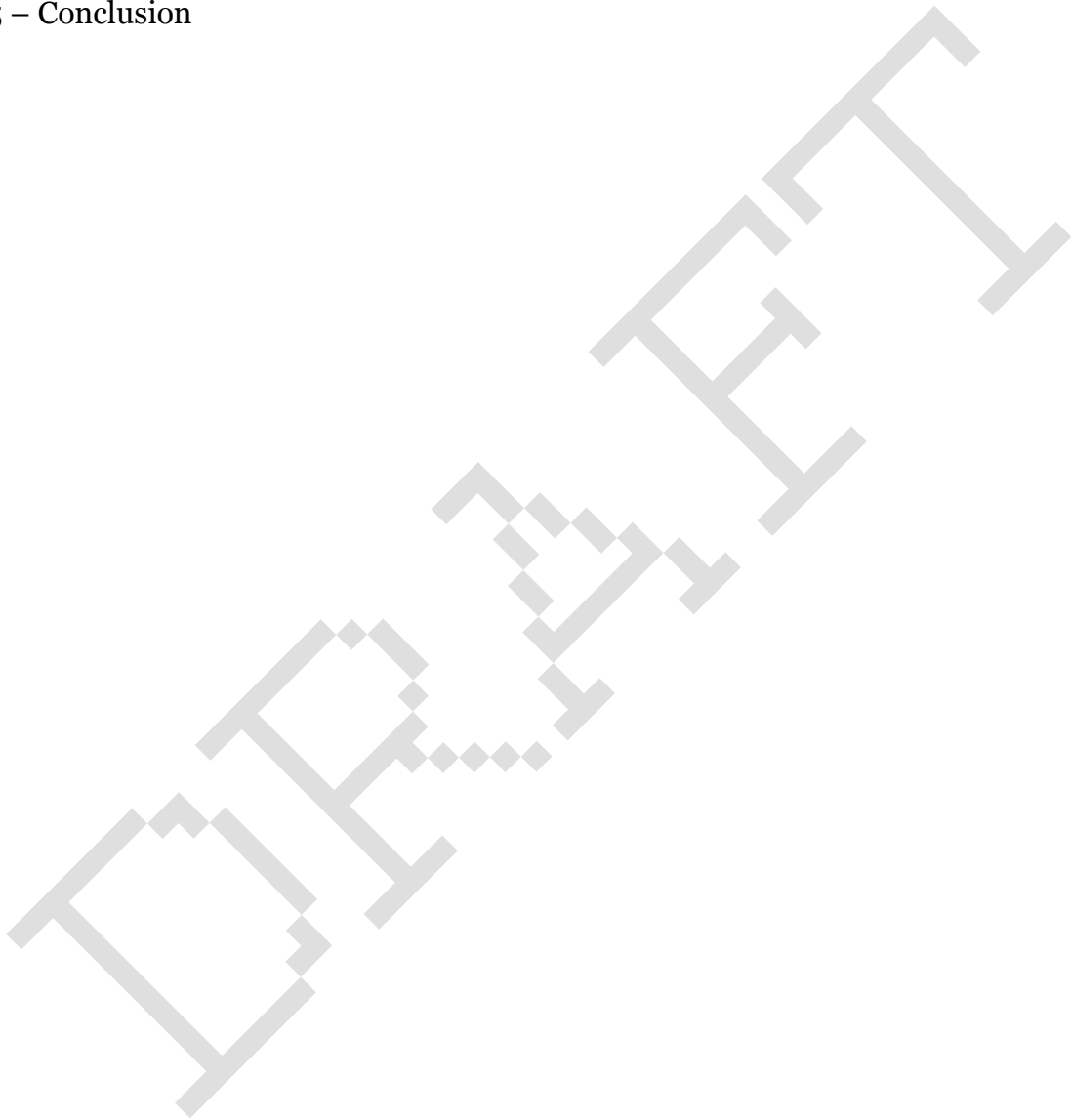16:50 – Flowing of Life and Static of Machine: A Daoist Perspective on AI

Robin Wang – Loyola Marymount University (USA)

17:05 – *Educatio vitae*: Prioritizing the person in ethics education in the age of AI
Sandra ALEXANDER – American University in Dubai (United Arab Emirates)

17:20 - Coffee Break

17:40 – Discussion moderated by Roberto Dell'Oro

18:45 – Conclusion

Thursday, February 27th, 2020

Morning

Session II – AI and Human Health
Chairs: Jacques Simpore and Monica Lopez Barahona

09:00 – AI and Healthcare
　　　Walter Ricciardi – Università Cattolica del Sacro Cuore (Italy)

09:30 – The Clinical Repercussions of AI
　　　Yuzo Takahashi, Gifu University (Japan)

10:00 – AI in Oncology
　　　Alexandru Floares, OncoPredict Company (Romania)

10:20 – AI in the road of Health for All. Perils and Hope
　　　Felix Hector Rigoli, Universidade de Sao Paulo (Brazil)

10:40 – Coffee Break

11:00 – Discussion moderated by Matilde Leonardi

12:30 – *Lectio Magistralis* on AI in Medicine
　　　Shin'ya Yamanaka (Japan)

13:30 – Lunch

Afternoon

Session III – AI and Law
Chairs: Gabriella Gambino and Pierangelo Sequeri

15:00 – Policy and Governance of AI for Health: A Global Ethics Perspective
　　　Jay Shaw, Women's College Hospital/Toronto University (Canada)

15:30 – Secondary use of health data in the European legal framework
　　　Federico de Montalvo – Universidad Pontificia Comillas (Spain)

16:00 – **[To be defined]**

16:30 – Coffee Break

17:00 – Discussion moderated by Rodrigo Guerra Lopez

18:00 – *Lectio Magistralis* on AI and Education
　　　Francesco PROFUMO – Politecnico di Torino (Italy)

18:30 – Conclusion

20:00 – Social Dinner

Friday, February 28th, 2020

Session VI – Perspectives

09:00 –   Vincenzo Paglia

09:20 –   Brad Smith – President Microsoft (USA)

09:40 –   John Kelly III – Executive Vice-president IBM (USA)

10:00 –   Audrey Azoulay – Director UNESCO (France) **(To be confirmed)**

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Signature of the Declaration on AI

10:40 – Coffee Break

12:00 – Audience with the Holy Father Francis

13:00 - Conclusion

SPEAKERS

ALEXANDER Sandra, Assistant Professor of Humanities, School of Arts and Sciences, American University in Dubai (United Arab Emirates).

AZOULAY Audrey, Director of UNESCO (France) **(to be confirmed)**

COPESTAKE Jen, BBC Producer and video journalist (UK).

BENANTI Paolo, Professor of Moral Theology, Pontificia Università Gregoriana (Italy); PAV Member.

DE MONTALVO Federico, Associate Professor of Constitutional Right, Universidad Pontificia Comillas; President of Spanish Commettee of Bioetics (Spain).

FILIPOVIĆ Alexander, Professor of Media Ethics at the Munich School of Philosophy SJ (Germany).

FLOARES Alexandru, President SAIA Institute, OncoPredict Company (Romania).

FLORIDI Luciano, Professor of Philosophy and Ethics of Information, University of Oxford (United Kingdom).

KELLY III John, Executive Vice-president of IBM (USA).

PAGLIA Vincenzo, President of the Pontifical Academy for Life (Vatican City).

PROFUMO Francesco, Professor of Electrical Machines and Drives, Politecnico di Torino (Italy); PAV Member.

RICCIARDI Walter, Professor of Public Health, Università Cattolica del Sacro Cuore (Italy).

RIGOLI Felix Hector, Guest Lecturer and Researcher, Universidade de Sao Paulo (Brazil).

SHAW Jay, Women's College Hospital/Toronto University (Canada).

SMITH Brad, President of Microsoft (USA).

TAKAHASHI Yuzo, Professor Emeritus, Gifu University (Japan).

WANG Robin, Professor of Philosophy, Loyola Marymount University (USA).

YAMANAKA Shin'ya, Director and Professor at the Center for Induced Pluripotent Stem Cell Research and Application, Kyoto University (Japan); Nobel Prize for Medicine 2012; PAV Member.

MODERATORS

BARAHONA Lopez Monica, Academic Director General of Centro de Estudios Biosanitarios, Madrid; President of the Spanish Delegation of the Jérôme Lejeune (Spain); PAV Member.

BOCHATEY Albert German, Titular Bishop of Monte di Mauretania, Auxiliary Bishop of La Plata; Professor of Bioethics and Vice Chancellor of the Universidad Católica de La Plata (Argentina); PAV Member.

DELL'ORO Roberto, Director of Bioethics Institute, Loyola Marymount University, Los Angeles (USA); PAV Member.

GAMBINO Gabriella, Under-secretary for Family and Life, Dicastery for Laity, Family and Life (Vatican City).

GUERRA LOPEZ Rodrigo, Professor of Philosophy and President of the Superior Council of the Centro de Investigation Social Avanzada, Santiago de Querétaro (Mexico); PAV Member.

LEONARDI Matilde, Neurologist, Carlo Besta Neurology Institute (Italy); PAV Member.

PAGLIA Vincenzo, President, Pontifical Academy for Life (Vatican City).

PEGORARO Renzo, Chancellor, Pontifical Academy for Life (Vatican City).

PESSINA Adriano, Professor of Moral Philosophy, Università Cattolica del Sacro Cuore (Italy), PAV Member.

SEQUERI Pierangelo, President of John Paul II Teological Institute for Marriage and Family Sciences (Vatican City).

SIMPORE Jacques, Rector of the University of Saint Thomas Aquinas; Director of the Pietro Annigoni Center for Biomolecular Research, Ouagadougou (Burkina Faso); PAV Member.