

Simonetta Di Pippo

Professor of Practice



Knowledge Group: Government, Health and Not for Profit

Research Domains: Space Economy

Teaching Domains:

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Biography

Simonetta Di Pippo è Professor of Practice di Space Economy e Direttore dello Space Economy Evolution Lab (SEE Lab), in SDA Bocconi, nonché visiting professor of practice presso la New York University di Abu Dhabi. Dal 2014 al 2022 è stata Direttore di UNOOSA (United Nations Office for Outer Space Affairs). Laurea in Astrofisica e Fisica spaziale presso Università "La Sapienza", e honoris causa, una laurea in Studi Ambientali ed un dottorato in Affari Internazionali. Autore di 'Space Economy – la nuova frontiera dello sviluppo' e di 'Luna, Laboratorio di Pace', editi da Bocconi University Press. È stata Direttore dei Voli Umani (Human Spaceflight) presso ESA, Direttore dell'Osservazione dell'Universo presso l'Agenzia Spaziale Italiana ed ha guidato l'European Space Policy Observatory presso ASI-Bruxelles.

È un Accademico della IAA (International Academy of Astronautics) e membro del World Economic Forum Global Future Council per lo spazio dal 2016. Nel 2009, ha fondato Women in Aerospace Europe, di cui è oggi Presidente Onorario e nel 2017 è diventata UN International Gender Champion. Membro del Comitato Direttivo dell'Osservatorio Metropolitano di Milano, dal maggio 2023 è membro del CDA di RINA SPA e Presidente del suo Comitato ESG. Da agosto 2023 è membro del consiglio scientifico di Criptaliae, per lo sviluppo dello spazioporto italiano di Grottaglie. Nel 2024, è stata inserita nella lista delle donne leader Forbes 50 over 50.

Nel 2008, l'International Astronomical Union (IAU) ha nominato l'asteroide 21887 "dipippo" come riconoscimento dei suoi contributi alle attività spaziali. È stata la prima donna a ricevere il premio Hubert Curien. Nel 2006 è stata insignita del titolo di Cavaliere Ufficiale al Merito dal Presidente della Repubblica Carlo Azeglio Ciampi, e nel 2022 del titolo di Commendatore OMRI dal Presidente Mattarella. Sempre nel 2022, è stata inserita nella Hall of Fame della International Astronautical Federation, ha ricevuto dal Presidente della Repubblica Austriaca Van der Bellen la Grand Decoration of Honour with Gold, e dal Governo Giapponese, l'Ordine del Sol Levante, Raggi d'Oro con Nastro da Collo.

Contribution to Chapters, Books or Research Monographs

L'evoluzione della governance in ONU: il caso dell'UNOOSA

DI PIPPO, S., "L'evoluzione della governance in ONU: il caso dell'UNOOSA" in ONU 1945-2025. Studi su un sistema globale., Marco Mugnaini (Ed.), Franco Angeli, pp. 115-128, 2025

Space Economy: The Engine of the New Space Race

IACOMINO, C., S. DI PIPPO, M. PIANORSI, F. LATINO, "Space Economy: The Engine of the New Space Race" in The Sky is not the Limit. Geopolitics and Economics of the New Space Race., Alessandro Gili (Ed.), Ledizioni LediPublishing, chap. 2, pp. 45-74, 2024

The Case for a United Nations Vision for Outer Space Activities

DI PIPPO, S., M. WOLTRAN, M. STASKO, "The Case for a United Nations Vision for Outer Space Activities" in Space Capacity Building in the XXI Century., Stefano Ferretti (Ed.), Springer International Publishing, pp. 21-31, 2020

The Open Universe Initiative

GIOMMI, P., G. ARRIGO, U. B. DE ALMEIDA, M. DE ANGELIS, J. DEL RIO VERA, S. DI CIACCIO, S. DI PIPPO, S. IACOVONI, A. POLLOCK, "The Open Universe Initiative" in Space Capacity Building in the XXI Century., Stefano Ferretti (Ed.), Springer International Publishing, pp. 377-386, 2020

Supporting Sustainable Development with Outer Space Activities

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Oltre le nuvole per aiutare il pianeta

DI PIPPO, S., "Oltre le nuvole per aiutare il pianeta" in 100 donne contro gli stereotipi per la scienza., G. Pezzuoli, L. Seveso (Eds.), Egea, pp. 75-80, 2017

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Articles in national/international newspapers

Una costellazione di opportunità sopra di noi

DI PIPPO, S., "Una costellazione di opportunità sopra di noi", lavoce.info, 13 May 2025

Il futuro spaziale dell'UE tra etichette verdi ritardi e zone grigie

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Il prossimo passo la conquista della Luna

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C'è un satellite per ogni soluzione

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Quant'è lontano lo spazio visto dall'Europa

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Economia dello spazio, sfida italiana

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Perché investire nell'economia dello spazio aiuta progresso e società

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In Ucraina non c'è un'alternativa a Starlink che però nel lungo termine non è sostenibile

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Other

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How spacefaring nations could avoid conflict on the Moon

DI PIPPO, S., "How spacefaring nations could avoid conflict on the Moon", The Conversation, 20 October 2025

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Humans are going back to the Moon to stay, but when that will be is becoming less clear

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With its latest Moon mission success, China's space programme has the US in its sights

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Space as a driver for sustainable development

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The Italian Space Agency (ASI) participation in the ISS 4S Taxi Flight mission "Marco Polo"

BRACCIAFERRI, S., S. DI PIPPO, E. CEGLIA, L. ANNICIELLO, R. FORTEZZA, "The Italian Space Agency (ASI) participation in the ISS 4S Taxi Flight mission "Marco Polo"", European Low Gravity Research Association - ELGRA Newsletter, June 2002, vol. 3, pp. 7-10

Mars 2003 and Beyond: Drilling the Surface

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The AGILE mission and gamma-ray emitting AGNs

VERCELLONE, S., P. CARAVEO, S. MEREGHETTI, F. PEROTTI, M. TAVANI, G. BARBIELLINI, F. LONGO, G. BUDINI, M. PREST, A. VACCHI, A. MORSELLI, P. PICOZZA, V. COCCO, E. COSTA, G. DI COCCO, C. LABANTI, S. DI PIPPO, A. PELLIZZONI, "The AGILE mission and gamma-ray emitting AGNs", Bulletin of the American Astronomical Society (BAAS), April 1999, vol. 31, pp. 721

GRB studies with AGILE

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Beyond this world: Scientific missions of the European Space Agency – Book review

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Practice-Oriented Books

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Dai Ghiacciai della Terra ai Ghiacciai dell'Universo

SMIRAGLIA, C., I. E. TABACCO, M. DI MARTINO, S. DI PIPPO, C. GUAITA - "Dai Ghiacciai della Terra ai Ghiacciai dell'Universo" - 2007, Erga Edizioni, Italy

Astronauti

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Articles in Scholarly Journals

Funding New Space Companies in Equity Markets: Assessing the Risk and Uncertainty of Newly Listed Public Companies

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X-ray spectra, light curves and SEDs of blazars frequently observed by Swift

GIOMMI, P., M. PERRI, M. CAPALBI, V. D'ELIA, U. BARRESDEALMEIDA, C. H. BRANDT, A. M. T. POLLOCK, F. ARNEODO, A. DIGIOVANNI, Y. L. CHANG, O. CIVITARESE, M. DEANGELIS, C. LETO, F. VERRECCHIA, N. RICARD, S. DI PIPPO, R. MIDDEI, A. V. PENACCHIONI, R. RUFFINI, N. SAHAKYAN, D. ISRAYELIAN, S. TURRIZIANI, "X-ray spectra, light curves and SEDs of blazars frequently observed by Swift", *Monthly Notices of the Royal Astronomical Society*, 2021, vol. 507, no. 4, pp. 5690-5702

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Open Universe for Blazars: a new generation of astronomical products based on 14 years of -XRT data

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The contribution of space for a more sustainable earth: leveraging space to achieve the sustainable development goals

DI PIPPO, S., "The contribution of space for a more sustainable earth: leveraging space to achieve the sustainable development goals", *Global Sustainability*, 2019, vol. 2, pp. e3

Reflections on the 50th Anniversary of the Outer Space Treaty, UNISPACE+50, and Prospects for the Future of Global Space Governance

MARTINEZ, P., P. JANKOWITSCH, K.-U. SCHROGL, S. DI PIPPO, Y. OKUMURA, "Reflections on the 50th Anniversary of the Outer Space Treaty, UNISPACE+50, and Prospects for the Future of Global Space Governance", *Space Policy*, 2019, vol. 47, pp. 28-33

Access to Space: Capacity-building for development through experiment and payload opportunities

GARCÍA YÁRNOZ, D., A. KOJIMA, S. DI PIPPO, "Access to Space: Capacity-building for development through experiment and payload opportunities", *Acta Astronautica*, 2019, vol. 154, pp. 227-232

Access to space: A new approach by the united nations office for outer space affairs

KOJIMA, A., D. G. YÁRNOZ, S. DI PIPPO, "Access to space: A new approach by the united nations office for outer space affairs", *Acta Astronautica*, 2018, vol. 152, pp. 201-207

International Collaboration Within the United Nations Committee on the Peaceful Uses of Outer Space: Framework for International Space Weather Services (2018-2030)

MANN, I. R., S. DI PIPPO, H. J. OPGENOORTH, M. KUZNETSOVA, D. J. KENDALL, "International Collaboration Within the United Nations Committee on the Peaceful Uses of Outer Space: Framework for International Space Weather Services (2018-2030)", *Space Weather*, 2018, vol. 16, no. 5, pp. 428-433

Towards a results-based management approach for capacity-building in space science, technology and applications to support the implementation of the 2030 agenda for sustainable development

BALOGH, W. R., L. ST-PIERRE, S. DI PIPPO, "Towards a results-based management approach for capacity-building in space science, technology and applications to support the implementation of the 2030 agenda for sustainable development", *Acta Astronautica*, 2017, vol. 139, pp. 385-389

Exploring Mars and its terrestrial analogues

FLAMINI, E., G. G. ORI, S. DI PIPPO, G. OSINSKY, "Exploring Mars and its terrestrial analogues", *Planetary and Space Science*, 2009, vol. 57, no. 5-6, pp. 509

Sorrento Lunar Declaration 2007

FOING, B. H., S. ESPINASSE, M. WARGO, S. DI PIPPO, "Sorrento Lunar Declaration 2007", *Advances in Space Research*, 2008, vol. 42, no. 2, pp. 246-247

Titano: la scoperta di un nuovo mondo

FLAMINI, E., S. DI PIPPO, "Titano: la scoperta di un nuovo mondo", *Astronomia*, April 2007, vol. 284

Italian participation in the Mars exploration program

CORADINI, A., J. CAMPBELL, M. C. DE SANCTIS, S. DI PIPPO, S. ESPINASSE, E. FLAMINI, R. MUGNUOLO, R. OROSEI, G. PICCIONI, "Italian participation in the Mars exploration program", *Advances in Space Research*, 2001, vol. 28, no. 8, pp. 1197-1202

Network science landers for Mars

HARRI, A. M., O. MARSAL, P. LOGNONNE, G. W. LEPPELMEIER, T. SPOHN, K. H. GLASSMEIER, F. ANGRILLI, W. B. BANERDT, J. P. BARRIOT, J. L. BERTAUX, J. J. BERTHELIER, S. CALCUTT, J. C. CERISIER, D. CRISP, V. DEHANT, D. GIARDINI, R. JAUMANN, Y. LANGEVIN, M. MENVIELLE, G. MUSMANN, J. P. POMMEREAU, S. DI PIPPO, D. GUERRIER, K. KUMPULAINEN, S. LARSEN, A. MOCQUET, J. POLKKO, J. RUNAVOT, W. SCHUMACHER, T. SIILI, J. SIMOLA, J. E. TILLMAN, "Network science landers for Mars", *Advances in Space Research*, 1999, vol. 23, no. 11, pp. 1915-1924

The exploitation of Europa ice and water basins: an assessment on required technological developments, on system design approaches and on relevant expected benefits to space and Earth based activities

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La Robotica Spaziale: stato dell'arte e linee di sviluppo

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Automation & Robotics: The key tool for space exploration

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Edited Books

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Public/private human access to space. Volume 2: Earth orbit and beyond

DI PIPPO, S., K. DAVIDIAN (Eds.), "Public/private human access to space. Volume 2: Earth orbit and beyond" - 2018, International Academy of Astronautics (IAA), Paris, France

Proceedings/Presentations

Funding new Space Companies in Equity Markets. Assessing the Risk and Uncertainty of newly listed Public Companies

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Space Sustainability in LEO: A Multidisciplinary Approach to Identify and Mitigate Economic, Operational and Technological Risks of Active Debris Removal Solutions

DI PIPPO, S., M. ROMANO, C. IACOMINO, A. CONCONI, E. GIACOMINI, C. L. MATONTI, "Space Sustainability in LEO: A Multidisciplinary Approach to Identify and Mitigate Economic, Operational and Technological Risks of Active Debris Removal Solutions" in 74th International Astronautical Congress – 'Global Challenges and Opportunities: Give Space a Chance' - 2-6 October, 2023, Baku, Azerbaijan

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Is the Lunar Economy solely for the Space Industry? Opportunities for Non-Space Companies in Lunar Infrastructure Leveraging Technological Synergies

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AMS on ISS. Construction of a particle physics detector on the International Space Station – Special Edition

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Technological spin-offs of the PMST program of the Italian Space Agency (ASI)

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