**Caterina Villani**

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Twitter: @CaterinaVillan8

**Education**

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| 2021 | PhD in Philosophy, Science, Cognition, and Semiotics (*cum laude*). Curriculum: Cognitive Science, University of Bologna, Italy |
| 2014-2017 | MA Philosophical Sciences (*cum laude*), University of Bologna, Italy |
| 2010-2013 | BA Humanities Sciences (*cum laude*), University of Siena, Italy |

**Academic and Institutional Positions**

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| --- | --- |
| September  2022- | *Post-Doc,* Department of Modern Languages, Literatures, and Cultures, University of Bologna, Italy. Project: *“*Abstraction: Unlocking meaning from experience through language” (ERC-2021-STG-101039777) |
| 2022 | *Research Fellowship* (5 months), Brain Language Laboratory, Freie Universität Berlin, Berlin |
| 2021-2022 | *Didactic tutor,* Psycholinguistic Couse (MA). Department of Philosophy and Communication, University of Bologna, Italy |
| 2020 | *Research Fellowship,* Erasmus + Programme of the European Union**:** “*RECOGNIZE Legal Reasoning and Cognitive Science*”. University of Palermo, Krakow, Maastricht, Alicante, Ljubljana and Bologna. Unit 4:“The cognitive structure of legal concepts” |
| 2019-2020 | *Research Fellowship,* (3 months). Interdepartmental Center of History of Low, Philosophy and Sociology of Law, and Legal Informatics (CIRSFID), University of Bologna, Italy  Project:ALMA IDEA “Experimental Theory of Law: embodied cognition and perception of legal” |
| 2018-2022 | *Ph.D. student representative*, Philosophy, Science, Cognition, and Semiotics, Department of Philosophy and Communication, University of Bologna, Italy |

**Funding acquired**

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| 2022 | *Research Fellowship* (5 months) Brain Language Laboratory, Freie Universität Berlin, DE (~€9.000) | |
| 2021 | *Marco Polo Grant for international mobility,* University of Bologna (~€3.500) | |
| 2021 | *Didactic tutor* Psycholinguistic Couse (MA). Department of Philosophy and Communication, University of Bologna. (~€1.000) | |
| 2019 | *Research Fellowship* (3 months). Interdepartmental Center of History of Low, Philosophy and Sociology of Law, and Legal Informatics (CIRSFID), University of Bologna, Italy. Project:ALMA IDEA “Experimental Theory of Law: embodied cognition and perception of legal” (~€3.000) | |
| 2018 | *Ph.D. Scholarship,* University of Bologna (~€45.000) |

**Publications**

*Peer-reviewed international journal articles*

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|  | Roversi, C., Ubertone, M., **Villani, C.**, d’Ascenzo, S., & Lugli, L. (2022). Alice in wonderland: experimental jurisprudence on the internal point of view. *Jurisprudence*, 1-28. |
|  | **Villani, C.**, Orsoni, M., Lugli, L. Benassi M., Borghi A. (2022) Abstract and concrete concepts in conversation. *Sci Rep* *12*, 17572 https://doi.org/10.1038/s41598-022-20785-5 |
|  | **Villani, C.**, D’Ascenzo, S., Scerrati, E., Ricciardelli, P., Nicoletti, R., & Lugli, L. (2022). Wearing the face mask affects our social attention over space, *Frontiers in Psychology: Research topic. Impact of Face Covering on Social Cognition and Interaction,* 4682. |
|  | Scerrati, E., D'Ascenzo, S., Nicoletti, R., **Villani, C**., & Lugli, L. (2022). Assessing interpersonal proximity evaluation in the COVID-19 era: Evidence from the affective priming task. *Frontiers in psychology*, *13*, 901730. |
|  | Scerrati, E., Marzola, G., **Villani, C.**, Lugli, L., & D’Ascenzo, S. (2022). Nuovi scenari per gli esperimenti in psicologia: la modalità online, *Giornale Italiano di Psicologia/* a. XLVIII, n. 3, settembre. |
|  | D’Ascenzo, S., Scerrati, E., **Villani, C.**, Galatolo, R., Lugli, L., & Nicoletti, R. (2022). Does social distancing affect the processing of brand logos? *Brain and Behavior*, e2501. <https://doi.org/10.1002/brb3.2501> |
|  | D’Ascenzo, S., Scerrati, E., **Villani, C.**, & Lugli, L. (2021). Processi cognitivi e pandemia: l’influenza del distanziamento sociale sull’elaborazione di loghi commerciali, *Giornale Italiano di Psicologia,* pp. 577-585, doi: 10.1421/102710. |
|  | **Villani, C.**,D’Ascenzo, S., Borghi, A.M., Roversi, C., Benassi, M., & Lugli, L. (2021). Is *justice* grounded? How expertise shapes representation of institutional concepts. *Psychological Research*. 1-17. <https://doi.org/10.1007/s00426-021-01492-8> |
|  | **Villani, C.,** Lugli, L., Liuzza, M.T., Nicoletti, R., & Borghi, A.M. (2021). Sensorimotor and interoceptive dimensions in concrete and abstract concepts. *Journal of memory and language*, 116, 104173. <https://doi.org/10.1016/j.jml.2020.104173> |
|  | **Villani, C**., &Lugli, L. (2020). L’effetto Simon e il suo decorso temporale con stimoli linguistici non spaziali, *Giornale Italiano di Psicologia,* 1/ pp. 305-314, doi: 10.1421/96612 |
|  | **V****illani,** **C.**, Lugli, L., Liuzza, M.T., & Borghi, A.M. (2019). Varieties of abstract concepts and their multiple dimensions. *Language and Cognition*, 11(3), 403-430. doi:10.1017/langcog.2019.23 |
|  | **Villani, C.**, Lugli, L., Liuzza, M.T., & Borghi, A.M. (2019). Le sottocategorie dei concetti astratti: uno studio empirico. *Sistemi intelligenti*, 31(2), 235-252. |
|  | **Villani, C.** (2018). L’Embodied Cognition e la sfida dei concetti astratti. Un approccio multidimensionale. *Rivista Italiana di Filosofia e Psicologia*, 9(3), 239-253. |

*Submitted articles*

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|  | **Villani C.,** Boux I.P., Pulvermüller F., Tomasello R. (under review). The time course of speech act recognition conveyed by speech prosody: A gating study. |
|  | **Villani C.,** Loia A., Bolognesi M. (under review). The semantic content of specific, generic, abstract, and concrete concepts. |
|  | Banks, B., Borghi, A.M., Fargier, R., Fini, C., Jonauskaite, D., Mazzuca, C., Montalti, M., **Villani, C.**, & Woodin, G. (in press in *Journal of Cognition*). Consensus Paper: Current Perspectives on Abstract Concepts and Future Research Directions. |
|  | Borghi, A.M., D’Ascenzo, S., Lugli, L., Roversi, C, Ubertone, M., & **Villani, C.** (under review). Embodied Cognition and Legal Concepts. In: *Handbook on Legal Reasoning and Cognitive Science.* |

*PhD. Thesis*

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| **Villani C.,** *Variety, flexibility, and use of abstract concepts. A multiple grounded perspective.* Department of Philosophy and Communication, University of Bologna.  http://amsdottorato.unibo.it/10310/ |

**Conferences, Seminars Presentations**

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|  | 2023 ESLP, Messina | **Villani C.,** Loia A., Bolognesi M., The semantic content of concrete, abstract, specific and generic concepts. *ESLP - Embodied and Situated Language Processing Conference* (September 29-30, 2023). |
|  | 2023  Xprag, Paris | Tomasello R., **Villani C**., Boux I, Pulvermüller F., The time course of speech act recognition conveyed by prosody: A gating study. *Xprag, The 10th biennal meeting of Experimental Pragmatics* (September, 20-22, 2023) |
|  | 2023 ESLP, Messina | Lamarra T., **Villani C.,** Bolognesi M., Lexical decision and semantic processing latencies for words that vary in concreteness and specificity. *ESLP - Embodied and Situated Language Processing Conference* (September 29-30, 2023). |
|  | 2023  AIP, Lucca | **Villani C.,** Loia A., Bolognesi M., Il contenuto semantico di concetti specifici, generici, astratti e concreti. *AIP,* *XXIX Congresso AIP - Sezione Sperimentale* (September 18-20, 2023). |
|  | 2023  AIP, Lucca | Lamarra T., **Villani C.,** Bolognesi M., Lexical Decision e semantic processing per parole che variano in concretezza e in specifictà. *AIP,* *XXIX Congresso AIP - Sezione Sperimentale* (September 18-20, 2023). |
|  | 2023  PECoG-group,  Potsdam | **Villani, C.,** Numbers and Gestures: Exploring the Random Number Generation Task, *Special team meeting of the PECoG-group on the topic of Random Number Generation* (02 June, 2023) |
|  | 2022  ISP, Ljubljana  online | **Villani, C.**,Embodied cognition and legal concepts. *ISP, Intensive Study Program Recognise Seminar: Legal reasoning and cognitive science* (January 31-February 4, 2022). |
|  | 2021  ESLP, online | **Villani, C.,** Orsoni, M., Lugli, L., Benassi, M., & Borghi, A.M., How do people talk about abstract and concrete concepts? A conversational paradigm. *ESPL, Embodied and Situated Language Processing Conference* (online, September 20, 2021). |
|  | 2021 CILC5, Warsaw | **Villani, C.,** Orsoni, M., Lugli, L., Benassi, M., & Borghi, A.M., Using abstract and concrete concepts in interactive contexts: A conversational study. *CILC5, 5th International Conference on Interactive, Language & Cognition* (online, September 15-19, 2021). |
|  | 2021 AIP, Lecce | **Villani, C.**,Orsoni, M., Lugli, L., Benassi, M., & Borghi, A.M., Conversazioni astratte e concrete: quali differenze. *AIP, XXVII Congresso Associazione Italiana di Psicologia. Sezione Sperimentale.* (online, September 9, 2021). |
|  | 2021 AIP, Lecce | D'Ascenzo, S., **Villani, C.**, Scerrati., E., Lugli, L., Ricciardelli, P., & Nicoletti, R., Se indossi la mascherina seguirò il tuo sguardo! Come il COVID-19 ha influenzato la nostra attenzione sociale. *AIP, XXVII Congresso Associazione Italiana di Psicologia. Sezione Sperimentale* (online, September 8, 2021). |
|  | 2021 AIP, Lecce | Scerrati, E., D'Ascenzo, S., **Villani, C.**, Nicoletti, R., & Lugli, L., Effetti di priming affettivo durante la pandemia: differenze individuali. *AIP, XXVII Congresso Associazione* *Italiana di Psicologia. Sezione Sperimentale.* (online, September 10, 2021). |
|  | 2021 Recognise Seminar | **Villani, C.**, & Corrado, R., Is Justice Grounded? Legal Theory Meets Embodied Cognition. *Recognise Seminar* (online, March 30, 2021). |
|  | 2021 BLL Seminar | **Villani, C.**,Varieties of abstract concepts. A multiple grounded perspective  *Colloquium “Progress in Brain Language Research*”. Brain Language Laboratory, Freie Universität-Berlin (online, February 3, 2021). |
|  | 2020 AIP, Virtual  Edition | **Villani, C.**, D’Ascenzo, S., Borghi, A.M., Roversi, C., Benassi, M., & Lugli, L. Un’indagine sui concetti istituzionali. Il ruolo delle esperienze individuali nella rappresentazione concettuale. *AIP, XXVI Congresso Associazione Italiana di Psicologia. Sezione Sperimentale*. (online, September 2-4, 2020). |
|  | 2019  AISC, Rome | **Villani, C.**, Lugli, L., Liuzza, MT., Nicoletti, R., & Borghi, A.M., Exploring  the differences between kinds of abstract concepts: evidence with and interference paradigm, *AISC, 16th Annual Conference of the Italian Association for Cognitive Sciences* (University of Roma Tre, 11-13 December, 2019). |
|  | 2019 AIP, Milan | **Villani, C.**, Lugli, L., Liuzza, MT., Nicoletti, R., & Borghi, A.M., Esperienze  sensorimotorie, linguistiche e interocettive durante l’elaborazione di  concetti concreti e astratti, *AIP, XXV Congresso Associazione Italiana di Psicologia. Sezione Sperimentale*. (Milan-San Raffaele, September 18-20, 2019). |
|  | 2019 Workshop, Rome | **Villani, C.**, Italian norms for different kinds of abstract concepts on many dimensions, *Workshop, Rome. Abstract Concepts differ: Number, Emotion and Dangerous things*(organized by Martin Fisher and Anna M. Borghi). (Sapienza University, Rome March 29, 2019). |
|  | 2018 AISC, Pavia | **Villani, C.**, Lugli, L., Liuzza, MT., & Borghi, A.M., Linguistic, social and interoceptive experiences during the processing of abstract concepts. *AISC, 15th Annual Conference of the Italian Association for Cognitive Sciences* (IUSS Pavia, December 17-19, 2018). |
|  | 2018 BAW, Torino | **Villani, C.**, Pensare a “tazza” e “libertà”: diversi tipi di concetti? *BAW, Brain  Awareness Week Event: Words and Meaning: theoretical and clinical  application perspective,* (Aphasia Centre CIRP. Turin, March 15, 2018). |
|  | 2017 AISC, Bologna | **Villani, C.**, Lugli, L., Liuzza, MT., & Borghi, A.M., Different Kinds of  Abstract Concepts. *AISC, 14th Annual Conference of the Italian Association of  Cognitive Science* (University of Bologna, December 14-16, 2017). |
|  | 2017 Workshop, Torino | **Villani, C.**, L’ Embodied Cognition e la sfida dei concetti astratti. *Neural Mechanisms**Workshop* (organized by Marco Viola and Fabrizio Calzavarini), (University of Turin, October 12-13, 2017). |
|  | 2017 AIP, Bari | **Villani, C.**, Lugli, L., & Borghi, A.M., Concetti astratti: un dominio  omogeneo o eterogeneo? Uno studio sulle differenze fine-grained delle  sotto-categorie dei concetti astratti. *AIP,* *XXIII Congresso Associazione Italiana  di Psicologia. Sezione Sperimentale.* (Bari, September 20-22, 2017). |
|  | 2017 ESCoP, Potsdam | **Villani, C.**, Lugli, L., & Borghi, A.M., A taxonomy of Italian Abstract  concepts (Poster). *ESCoP,* *20th Conference of the European Society for Cognitive Psychology.* (Potsdam, September 3-6, 2017). |

**Teaching**

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| a.a.2022-2023 | *Guest Lecturer*, MA course in Languages, University of Bologna.  Title: Concetti astratti: una sfida per le teorie della cognizione |
| a.a.2021-2022 | *Guest Lecturer,* MA course in Psycholinguistic,University of Bologna.  Title: Embodied Cognition and Abstract concepts: Variety, flexibility and use. |
| a.a.2020-2021 | *Guest Lecturer,* MA course in Psycholinguistic,University of Bologna.  Title: Sub-kinds of abstract concepts; Grounding of institutional concepts: the role of expertise |
| a.a.2019-2020 | *Guest Lecturer,* MA course in Psycholinguistic,University of Bologna.  Title: Concrete and Abstract concepts: facilitation and interference evidence. |
| a.a.2018-2019 | *Guest Lecturer,* MA course in Psycholinguistic,University of Bologna.  Topics: Classical and embodied theories of concepts; Concrete and Abstract concepts representation; A taxonomy of Abstract concepts (analysis and results of MA thesis) |

**Courses, Summer Schools, and Seminars**

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| 2023 September | **7th Corpus Linguistics Summer School**, University of Birmingham, (September 11-14, 2023). |
| 2022 May | **Traincrease Workshop (Horizon 2020)** *“Experimental designs for the study of abstract concepts in interaction”.* University Sapienza of Rome (May 23-25, 2022). |
| 2020-2021 | **Annual Colloquium** *“Progress in Brain Language Research*”, Brain Language Laboratory, Freie Universität-Berlin, Prof. Friedemann Pulvermüller. |
| 2021 March | **Winter Seminar**: “*Semantics – Embodiment – Extrospection*”. Prof. Martin Fischer, Michael Pauen, and Friedemann Pulvermüller. University of Potsdam, Freie Universität-Berlin, Humboldt Universität, Berlin, Germany. |
| 2020 | **Summer school Introduction to analysis with R** (32h)  Sapienza University of Rome. Prof. Fabio Presaghi |

**Professional Service**

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| 2023- | Ad hoc Reviewer, *Behavioral Research Method*  Ad hoc Reviewer, *Language and Cognition* |
| 2022- | Ad hoc Reviewer, *Psychological Research* |
| 2021- | Ad hoc Reviewer, *Review of Philosophy and Psychology* |
| 2029- | Ad hoc Reviewer, *Cognitive Processing*  Ad hoc Reviewer, *PeerJ* |

**Conference Organization**

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| 2018 | Member of organizing committee of Brain Awareness Week, “Words and Meaning: theoretical and clinical application perspective” Aphasia Centre CIRP. Torino. |
| 2017 | Member of organizing committee of the 14th Annual Conference of the Italian Association of Cognitive Science(AISC), atUniversity of Bologna. |

**Research Groups (as member)**

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| 2023- | ABSTRACTION group (ERC), University of Bologna |
| 2022-2023 | BALLAB – Body Action Language Lab, University of Rome |
| 2022-2021 | Brain Language Laboratory, Freie Universität Berlin, DE |
| 2018-2021 | Legal Theory and Cognitive Science Laboratory, University of Bologna |

**Memberships**

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| 2022- | Embodied and Situated Language Processing (ESLP) |
| 2017- | Associazione Italiana di Psicologia – Sezione Sperimentale (AIP) |
|  | Associazione Italiana di Scienze Cognitive (AISC) |

**Supervisors**

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| a.a. 2022-2023 | Co-supervisors 1 MA thesis (Unibo) |