

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Szabolcs Számadó
Birth date: May 27, 1971
Nationality: Hungarian
Email: szamado.szabolcs@tk.mta.hu,
szamado.szabolcs@gtk.bme.hu



SHORT INTRODUCTION

Szabolcs Számadó graduated at Eötvös University from biology and later earned his PhD at 2004. He is a theoretical biologist, his main research interest is the relation between the cost of signals and honesty, which he investigated with a range of tools including game theory and individual based modelling. His research includes a broad range of topics from the evolution of cooperation to the evolution of early human language. His latest interest is the role of reputation systems in the maintenance of cooperation and role of communication in the role maintenance of reputation. He published in top journals of the field (*Proceedings of the National Academy of Sciences*, *Philosophical Transactions of the Royal Society B*), he has more than 30 peer reviewed papers and more than 700 independent citations according MTMT.

WORK INFORMATION

POSITION 1.: SENIOR RESEARCH FELLOW

Institute: Budapest University of Technology and Economics

Department: Department of Sociology and Communication

Address: 1111 Budapest, Egry J. u. 1.

Institute website: <https://www.bme.hu/GTK-en?language=en>

POSITION 2.: SENIOR RESEARCH FELLOW

Institute: Centre for Social Sciences, Hungarian Academy of Science

Department: CSS-RECENS

Address: 1014 Budapest, Tóth Kálmán u. 4.

Institute website: <http://www.tk.mta.hu/en>

SCIENTOMETRICS

Google Scholar (2022. 02. 20.):

	all	Since 2017
citations	1610	626
h-index	19	14
i10-index	24	17

MTMT (2022. 02. 20.):

	publications		citations	
	all	independent	all	
Publications and citations	40	927	1048	

Hirsch index: 16

Google Scholar: <https://scholar.google.hu/citations?user=t9oS4oIAAAAJ&hl=en&oi=ao>

ResearcherID: A-9804-2013: <http://www.researcherid.com/rid/A-9804-2013>)

Researchgate: https://www.researchgate.net/profile/Szabolcs_Szamado

MTMT ID: 10019188:

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10019188&view=dataSheet>

EDUCATION

1997- 2004 Eötvös Loránd University, Ph.D. in Ecology and Theoretical Biology, Title of Doctoral Dissertation: “Reliable communication in animals, a game theoretical approach” (written in English) Supervisor: Prof. Eörs Szathmáry

1991- 1996 Eötvös Loránd University, MSc in Biology. Diploma thesis: “Evolúció dinamikai vizsgálatok” (Studies in Evolutionary Dynamics, written in Hungarian) Supervisor: Prof. Eörs Szathmáry

EMPLOYMENT

2019-present Budapest University of Technology and Economics, Department of Sociology and Communication, Senior research fellow

2015-present Hungarian Academy of Sciences, Centre for Social Sciences, Senior research fellow

2017-2019 Hungarian Academy of Sciences, Centre for Ecological Research, Senior RF

- 2007-2016 MTA-ELTE Theoretical Biology and Evolutionary Ecology Research Group, Senior research fellow
- 2004-2007 ECAgents group, Collegium Budapest, Research fellow
- 1999-2002 MTA Research Group of Ecology and Theoretical Biology, Junior research fellow

TEACHING (IN HUNGARIAN)

- 2019-present Evolutionary Game Theory, Budapest University of Technology and Economics
- 2005-2021 Cultural Evolution, Eötvös Loránd University
- 2000-2021 Animal Communication: a game theoretical approach, Eötvös L. University
- 1999-2020 History of Biology, Eötvös Loránd University
- 1999-2003 Ecological Modelling, Eötvös Loránd University

REVIEWER

Animal Behaviour, Behavioral Ecology, Biology Letters, Entropy, Evolution and Human Behaviour, Evolutionary Anthropology, Functional Ecology, Games, Journal of Theoretical Biology, PLoS one, Proceedings of the National Academy of Sciences, Proceedings of the Royal Society B, Royal Society Interface, Philosophical Transaction of the Royal Society B, Royal Society Open Science, Scientific Advances, Scientific Reports

Publons: <https://publons.com/researcher/649882/szabolcs-szamado>

GRANTS

- 2019-2021 OTKA K 132250; 24463 thousands FT, principal investigator
- 2016-2019 OTKA K 112929; 23000 thousands FT, principal investigator
- 2014-2016 OTKA K 112929; 23000 thousands FT, investigator
- 2014-2017 OTKA K 108974; 5900 thousands FT, principal investigator
- 2005-2009 OTKA K 49692; 8700 thousands FT, investigator
- 2001-2003 OTKA K 35223; 4200 thousands FT, investigator

WORKSHOPS AS ORGANISER

1. *The Language of Cooperation: Reputation and Honest Signaling*, Organizers: Daniel Balliet, Francesca Giardini, Karoly Takacs, Szabolcs Számadó, Eleanor Power. 2 - 6 September 2019 Oort, Lorentz Center, Leiden, The Netherlands
2. *Workshop on Gossip, Reputation, and Honesty*. Organizers: Szabolcs Számadó and Károly Takács; 17-18 May, 2018, Center for Social Sciences, Budapest, Hungary
3. *When (if ever) do signals need to be costly to be honest?* Organizers: Szabolcs Számadó and Dustin Penn, *Behaviour 2017*, a joint meeting of the 35th International Ethological Conference (IEC) and the 2017 Summer Meeting of the Association for the Study of Animal Behaviour (ASAB), July 30 to August 4, 2017, Estoril, Portugal.

THEMED ISSUE AS LEADING GUEST EDITOR

‘The language of cooperation: reputation and honest signalling’ compiled and edited by Szabolcs Számadó, Daniel Balliet, Francesca Giardini, Eleanor A. Power and Károly Takács

22 November 2021. *Philosophical Transactions of the Royal Society B*, Volume 376, Issue 1838.

PUBLICATIONS

TEN MOST IMPORTANT PAPERS:

1. Wu*, J., Számadó*, S., Barclay, P., Beersma, B., Dores Cruz, T. D., Iacono, S. L., ... & Van Lange, P. A. (2021). Honesty and dishonesty in gossip strategies: a fitness interdependence analysis. *Philosophical Transactions of the Royal Society B*, 376(1838), 20200300.
2. Barclay, P., Bliege Bird, R., Roberts, G., & Számadó, S. (2021). Cooperating to show that you care: costly helping as an honest signal of fitness interdependence. *Philosophical Transactions of the Royal Society B*, 376(1838), 20200292.
3. Penn, DJ & Számadó, Sz (2020) The Handicap Principle: how an erroneous hypothesis became a scientific principle. *Biological Reviews* 95 (1), 267-290.
4. Számadó, Sz., Czégel, D. & Zachar, I. (2019) One problem, too many solutions: How costly is honest signalling of need? *PLOS one*, **14**(1): e0208443.
5. Számadó, Sz. (2011) The cost of honesty and the fallacy of the handicap principle. *Anim.Behav.* **81**, 3-10.

6. Boza, G. Számadó, Sz. (2010) Beneficial laggards: multilevel selection, cooperative polymorphism and division of labour in Threshold Public Good Games. *BMC Evolutionary Biology*. **10**, 336.
7. Számadó, Sz. & Szathmáry, E. (2006) Selective scenarios for the emergence of natural language. *Trends Ecol. Evol.* **21(10)**, 555-561.
8. Bergstrom, C.T., Számadó, Sz. and Lachmann, M. (2002) Separating equilibria in continuous signalling games. *Philosophical Transactions of the Royal Society, London B*. **357**, 1595-1606.
9. Lachmann, M., Számadó, Sz. and Bergstrom, C.T. (2001) Cost and Conflict in Animal Signals and Human Language. *Proc.Natl.Acad.Sci.USA* **28**, 13189-13194.
10. Számadó, Sz. (1999) The Validity of the Handicap Principle in Discrete Action-Response games. *Journal of Theoretical Biology*, **198**, 593-602.

Impact factor: 72,46.

* shared first authors

JOURNAL ARTICLES:

1. Giardini, F., Balliet, D., Power, E. A., Számadó, S., & Takács, K. (2021). Four Puzzles of Reputation-Based Cooperation. *Human Nature*, 1-19.
2. Számadó, S. (2021). Pre-hunt charade as the cradle of human musicality. *Behavioral and Brain Sciences*, 44.
3. Penn, D. J., & Számadó, S. (2021). Commentary: why are no animal communication systems simple languages?. *Frontiers in Psychology*, 12.
4. Számadó, S., Balliet, D., Giardini, F., Power, E. A., & Takács, K. (2021). The language of cooperation: reputation and honest signalling. *Philosophical Transactions of the Royal Society B*, 376(1838), 20200286.
5. Wu, J., Számadó, S., Barclay, P., Beersma, B., Dores Cruz, T. D., Iacono, S. L., ... & Van Lange, P. A. (2021). Honesty and dishonesty in gossip strategies: a fitness interdependence analysis. *Philosophical Transactions of the Royal Society B*, 376(1838), 20200300.
6. Barclay, P., Bliege Bird, R., Roberts, G., & Számadó, S. (2021). Cooperating to show that you care: costly helping as an honest signal of fitness interdependence. *Philosophical Transactions of the Royal Society B*, 376(1838), 20200292.
7. Samu, F., Számadó, S., & Takács, K. (2020). Scarce and directly beneficial reputations support cooperation. *Scientific reports*, 10(1), 1-12.

8. Penn, DJ & Számadó, Sz (2020) The Handicap Principle: how an erroneous hypothesis became a scientific principle. *Biological Reviews* 95 (1), 267-290.
9. Számadó, Sz., Czégel, D. & Zachar, I. (2019) One problem, too many solutions: How costly is honest signalling of need? *PLOS one*, **14**(1): e0208443.
10. Garay, J., Számadó, S., Varga, Z., & Szathmáry, E. (2018). Caring for parents: an evolutionary rationale. *BMC Biology*, **16**(1), 53.
11. Zachar, I., Szilágyi, A., Számadó, S., & Szathmáry, E. (2018). Reply to Garg and Martin: The mechanism works. *Proceedings of the National Academy of Sciences*, 201805021.
12. Zachar, I., Szilágyi, A., Számadó, Sz., & Szathmáry, E. (2018). Farming the mitochondrial ancestor as a model of endosymbiotic establishment by natural selection. *Proceedings of the National Academy of Sciences*, **115**(7), E1504-E1510.
13. Számadó, Sz., & Penn, D. J. (2018). Does the handicap principle explain the evolution of dimorphic ornaments? *Animal Behaviour* **138**, e7.
14. Garay, J., Csiszár, V., Móri, T. F., Szilágyi, A., Varga, Z., & Számadó, Sz. (2018). Juvenile honest food solicitation and parental investment as a life history strategy: A kin demographic selection model. *PLOS one*, **13**(3), e0193420.
15. Számadó, S. (2017). When honesty and cheating pay off: the evolution of honest and dishonest equilibria in a conventional signalling game. *BMC Evolutionary Biology*, **17**(1), 270.
16. Számadó, Sz., Szalai, F. & Scheuring, I. (2016) Deception Undermines the Stability of Cooperation in Games of Indirect Reciprocity. *PLOS one*. doi:10.1371/journal.pone.0147623
17. Számadó, Sz. (2015) Attention Seeking Displays. *PLOS one* **10**(8): e0135379. doi:10.1371/journal.pone.0135379
18. Számadó, Sz. & Penn, D.J. (2015) Why does costly signalling evolve? Challenges with testing the handicap hypothesis, *Animal Behaviour*. **110**, December 2015, Pages e9-e12. <http://dx.doi.org/10.1016/j.anbehav.2015.06.005>
19. Számadó, Sz. (2012) The rise and fall of handicap principle: a commentary on the “Modelling and the fall and rise of the handicap principle” *Biol. Philos.* **27**, 279-286. doi: 10.1007/s10539-011-9299-6
20. Számadó, Sz. (2011) Pre-Hunt Communication Provides Context for the Evolution of Early Human Language. *Biological Theory*. **5**, 366-382.
21. Számadó, Sz. (2011) Long-term commitment promotes honest status signalling. *Animal Behaviour*. **82** 295-302.
22. Számadó, Sz. (2011) The cost of honesty and the fallacy of the handicap principle. *Anim.Behav.* **81**, 3-10.

23. Boza, G. Számadó, Sz. (2010) Beneficial laggards: multilevel selection, cooperative polymorphism and division of labour in Threshold Public Good Games. *BMC Evolutionary Biology*. **10**, 336.
24. Szalai, F. & Számadó, Sz. (2009) Honest and cheating strategies in a simple model of aggressive communication. *Animal Behaviour*, **78**, 949-959.
25. Szathmáry, E. & Számadó, Sz. (2008) Language: a social history of words. *Nature*. **456**, 40-41.
26. Számadó, Sz. (2008) How threat displays work: species-specific fighting techniques, weaponry and proximity risk. *Animal Behaviour*, **76**, 1455-1463.
27. Számadó, Sz., Szalai, F. and Scheuring, I. (2008) The effect of dispersal and neighbourhood in games of cooperation. *Journal of Theoretical Biology*, **253**, 221-227.
28. Számadó, Sz. & Szathmáry, E. (2006) Selective scenarios for the emergence of natural language. *Trends Ecol. Evol.* **21(10)**, 555-561.
29. Számadó, Sz. (2003) Threat displays are not handicaps. *Journal of Theoretical Biology* **221**, 327-348
30. Gyarmathy, V. A., Neaigus, A. & Számadó, Sz. (2003) HIV risk behavior history of prison inmates in Hungary. *Aids Education and Prevention Volume*. **15**, 561-569.
31. Bergstrom, C.T., Számadó, Sz. and Lachmann, M. (2002) Separating equilibria in continuous signalling games. *Philosophical Transactions of the Royal Society, London B*. **357**, 1595-1606.
32. Gyarmathy VA, Thomas RP, Mikl J, McNutt LA, Morse DL, DeHovitz J, Ujhelyi E, Számadó, Sz. (2002) Sexual activity and condom use among Eastern European adolescents-the Study of Hungarian Adolescent Risk Behaviours. *Int J STD AIDS*. **13(6)**, 399-405
33. Gyarmathy VA, McNutt LA, Molnár A, Morse DL, DeHovitz J, Ujhelyi E, Számadó, Sz. (2002) Evaluation of a comprehensive AIDS education curriculum in Hungary - the role of good educators. *Journal of Adolescence*, **25**, 495-508
34. Lachmann, M., Számadó, Sz. and Bergstrom, C.T. (2001) Cost and Conflict in Animal Signals and Human Language. *Proc.Natl.Acad.Sci.USA* **28**, 13189-13194.
35. Számadó, Sz. (2000) Cheating as a Mixed Strategy in a Simple Model of Aggressive Communication. *Animal Behaviour*, **59**, 221-230.
36. Számadó, Sz. (1999) The Validity of the Handicap Principle in Discrete Action-Response games. *Journal of Theoretical Biology*, **198**, 593-602.

BOOK CHAPTERS:

1. Számadó, Sz. & Szathmáry E. (2012) Evolutionary Biological Foundations of the Origin of Language: The co-evolution of language and brain. In: Maggie Tallerman & Kathleen R. Gibson (eds). *The Oxford Handbook of Language Evolution*. Oxford University Press, Oxford.
2. Számadó, Sz., Hurford, J., Bishop, D., Deacon, T., d'Errico, F., Fischer, J., Okanoya, K., Szathmáry, E. and White, S. (2009) What Are the Possible Biological and Genetic Foundations for Syntactic Phenomena?. In: Bickerton, D., and E. Szathmáry, eds. *Biological Foundations and Origin of Syntax*. Strüngmann Forum Report, vol. 3. Cambridge, MA: The MIT Press.
3. Szathmáry, E., Szatmáry, Z., Ittész, P., Gergő, O., Zachár, I., Huszár, F., Fedor, A., Varga, M. & Számadó, S. (2006) In silico evolutionary developmental neurobiology and the origin of natural language. In: (Lyon, C., Nehaniv, C. L. & Cangelosi, A., eds) *Emergence of Communication and Language*. Springer, Artington.

LECTURES:

1. One problem, too many solutions: How costly is honest signalling of need? Számadó Sz., Czégel D. & Zachar I. *European Conference on Behavioural Biology* 9 - 12 August 2018, Liverpool UK
2. Számadó Sz. Honesty and Gossip. *Workshop on Gossip, Reputation, and Honesty* 17-18 May, 2018, Center for Social Sciences, Budapest, Hungary
3. Számadó, Sz. (2018) Caring for parents: an evolutionary rationale. *13th Conference of the European Human Behaviour and Evolution Association*, 4th-7th April, 2018, Pécs, Hungary
4. Számadó, Sz. (2017) The 'Trade-Off Principle' as an alternative to the 'Handicap Principle', at Symposium 10 – *When (if ever) do signals need to be costly to be honest?* Organizer(s): Szabolcs Számadó and Dustin Penn, *Behaviour 2017*, a joint meeting of the 35th International Ethological Conference (IEC) and the 2017 Summer Meeting of the Association for the Study of Animal Behaviour (ASAB), July 30 to August 4, 2017, Estoril, Portugal.
5. Számadó, Sz. (2017) ***The origin of natural language (invited plenary lecture)***. *Fourth International Conference in Code Biology*, Kőszeg (Hungary), 22-26 May 2017
6. Számadó, Sz. (2014) The complexity of human cooperation and the five"rules". *RECENS / CEU CNS seminar series*. 29 April 2014. CEU, Budapest, Hungary
7. Számadó, Sz. (2014) Az emberi nyelv korai evolúciója: a kezdetek kezdete. Nyelvkeletkezés és evolúció. *A Társas-Kognitív Nyelvészeti Kutatócsoport 2014. évi tavaszi előadás-sorozata*, 3.

- Előadás. (in Hungarian, "The Evolution of Early Human Language", Seminars of the Social-Cognitive Linguistics Research Group) 31 March 2014. Debrecen, Hungary.
8. Számadó, Sz. (2013) The cost of honesty and the fallacy of the handicap principle. *Konrad Lorenz Institute of Ethology Seminar Series*. 6 March 2013. Vienna, Austria.
 9. Számadó, Sz. (2013) Pre-Hunt Communication Provides Context for the Evolution of Early Human Language. *RECENS seminars*, PTI. 19 February 2013. Budapest, Hungary.
 10. Számadó, Sz. (2013) Állati kommunikáció: az őszinteség ára. "Ökológus Tea" szemináriumok at the Department of Ecology and Plant Taxonomy, ELTE. (in Hungarian, "Animal communication: the cost of honesty") 18 February 2013. Budapest, Hungary.
 11. Számadó, Sz. (2012) Az állati kommunikáció őszintesége. Evolúció a géneken túl, előadás sorozat. (in Hungarian, "Cost of Honesty") SZTE Genetikai Tanszék. 16 November, 2012. Szeged, Hungary.
 12. Számadó, Sz. (2012) The Cost of Honesty and the Fallacy of the Handicap Principle. *New Developments in Signaling and Game Theory 2012*. October 14-19, 2012. Ascona, Switzerland
 13. Számadó, Sz. (2012) The evolution of attention seeking displays. *Evolution: 1st joint Congress on Evolutionary Biology*. July 6-10, 2012. Ottawa, Ontario, Canada.
 14. Számadó, Sz. (2011) The cost of honesty. *KLI Brown Bag Discussions*. 17 November, 2011. Altenberg, Austria
 15. Számadó, Sz. (2010) Állati kommunikáció: az őszinteség ára (in Hungarian, "Animal communication: The cost of honesty."). *VÖCS lectures*. 8 December 2010. Debrecen, Hungary
 16. Számadó, Sz. (2010) Hot spots of cooperation. *TECT-INCORE final School, "Cooperators since life began"*, 11-15 September 2010. Dobogókő, Hungary.
 17. Számadó, Sz. (2006) Honest and dishonest communication: A game theoretical approach. *Fellow Lecture held at Collegium Budapest*. Budapest, Hungary.
 18. Számadó, Sz. (2004) Evolution of language from the perspective of a biologist - "Symbols and Connections" , 29-31 October 2004. Velence, San Servolo, Italy.
 19. Számadó, Sz. (1998) Basic Questions in Memetics: Life-cycle, Reproduction and Resources. *15th International Congress on Cybernetics, Symposium on Memetics*, 24-28 August 1998, Namur, Belgium.
 20. Számadó, Sz. (1998) Cheating Animals and the Validity of the Handicap Principle. *Collegium Budapest, Fellow Lectures*, Budapest, 18 May 1998
 21. Számadó, Sz. (1997) A Two-stage Model of Animal Fighting. *IIIrd Meeting of PhD Students in Evolutionary Biology*, University of Barcelona, Barcelona, 26-28 February 1997

PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B

BIOLOGICAL SCIENCES

The language of cooperation: reputation and honest signalling

A theme issue compiled and edited by Szabolcs Számadó, Daniel Balliet, Francesca Giardini, Eleanor A Power and Károly Takács

Published October 2021



THE
ROYAL
SOCIETY
PUBLISHING

About this issue

Large-scale non-kin cooperation is a unique ingredient of human success. This type of cooperation is challenging to explain in a world of self-interested individuals. This theme issue promotes an interdisciplinary approach that allows us to explore and to understand the evolution and the maintenance of reputation systems, with emphasis on gossip and honest signalling. The articles in this special issue draw our attention to the complexities of the workings of reputation systems, asking: (i) What are the necessary conditions for reputation-based systems? (ii) What is the content and context of reputation systems? (iii) How can reputations promote cooperation? And (iv) What is the role of gossip in maintaining reputation systems and thus cooperation?

Access content online at bit.ly/PTB1838

Purchase the print issue at the reduced price of £35 (usual price £65) by visiting the above web page and entering the promotional code **TB1838** or contact:

Turpin Distribution

T +44 1767 604951

E royalsociety@turpin-distribution.com

For more information, contact:

The Royal Society

6 – 9 Carlton House Terrace

London

SW1Y 5AG

T +44 20 7451 2500

E philtransb@royalsociety.org

Front image: Women discuss the day's events whilst walking through fallow fields in Tamil Nadu, India. Credit: Eleanor Power.

Introduction: The language of cooperation: reputation and honest signalling Szabolcs Számádó, Daniel Balliet, Francesca Giardini, Eleanor A Power and Károly Takács

The psychological foundations of reputation-based cooperation Héctor M Manrique *et al.*

Are some cultures more mind-minded in their moral judgements than others? H Clark Barrett and Rebecca R Saxe

The complexity of human cooperation under indirect reciprocity Fernando P Santos, Jorge M Pacheco and Francisco C Santos

The benefits of being seen to help others: indirect reciprocity and reputation-based partner choice Gilbert Roberts *et al.*

Reputation and socio-ecology in humans Angelo Romano *et al.*

The content and structure of reputation domains across human societies: a view from the evolutionary social sciences Zachary H Garfield *et al.*

Gossip and reputation in everyday life Terence D Dores Cruz *et al.*

Competitive gossip: the impact of domain, resource value, resource scarcity and coalitions Nicole H Hess and Edward H Hagen

When does reputation lie? Dynamic feedbacks between costly signals, social capital and social prominence Marion Dumas, Jessica L Barker and Eleanor A Power

Parochial cooperation and the emergence of signalling norms Wojtek Przepiorka and Andreas Diekmann

Is it costly to deceive? People are adept at detecting gossipers' lies but may not reward honesty Miguel A Fonseca and Kim Peters

Gossip and competitive altruism support cooperation in a Public Good game Francesca Giardini, Daniele Vilone, Angel Sánchez and Alberto Antonioni

Evaluating mechanisms that could support credible reputations and cooperation: cross-checking and social bonding Flóra Samu and Károly Takács

Honesty and dishonesty in gossip strategies: a fitness interdependence analysis Junhui Wu *et al.*

Networks of reliable reputations and cooperation: a review Károly Takács *et al.*

Direct punishment and indirect reputation-based tactics to intervene against offences Catherine Molho and Junhui Wu

Reputation and punishment sustain cooperation in the optional public goods game Shirsendu Podder, Simone Righi and Francesca Pancotto

The effects of reputation on inequality in network cooperation games Milena Tsvetkova

Cooperating to show that you care: costly helping as an honest signal of fitness interdependence Pat Barclay, Rebecca Bliege Bird, Gilbert Roberts and Szabolcs Számádó

NIAS 

**Lorentz
center**

The Language of Cooperation *Reputation and Honest Signaling*

Workshop @Oort

2 - 6 September 2019, Leiden, the Netherlands

Scientific Organizers

- Daniel Balliet, VU Amsterdam
- Francesca Giardini, University of Groningen
- Eleanor Power, London School of Economics
- Szabolcs Számadó, Hungarian Academy of Sciences
- Károly Takács, Linköping University

Topics

- Structure of Reputation-Relevant Communication
- Reliability and Honesty of Communication and Signalling
- Ultimate and Proximate Mechanisms of Reputation-Based Cooperation
- The Sustainability of Reputations

The Lorentz Center organizes international workshops for researchers in all scientific disciplines. It aims to create an atmosphere that fosters collaborative work, discussions and interactions. For registration see: www.lorentzcenter.nl

This workshop is part of the NIAS-Lorentz Program, which brings together perspectives from humanities & social sciences with natural & technological sciences.

The painting 'The Card Sharp' by Carravaggio, 1594, illustrates how honest signaling is used to deceive the dupes, but also the role of the context in defining cooperation and cheating. Poster design: SiperNova Studio, NL.



**Lorentz
center**

www.lorentzcenter.nl