

BASTIAAN Quast  
*Department of International Economics*  
*The Graduate Institute*  
*Geneva, Switzerland*

## Education

---

- 2012-16 THE GRADUATE INSTITUTE  
*Doctor of Philosophy in Development Economics, Defense in September 2016*
- 2010-12 UNIVERSITY OF ST. GALLEN  
*Master in Quantitative Economics and Finance*
- 2006-10 UNIVERSITY OF GRONINGEN  
*Bachelor of Science in Economics*
- 2006-10 UNIVERSITY OF GRONINGEN  
*Bachelor of Arts in Theoretical Philosophy*

## Academic Positions

---

- 2015-16 Economist Fellow, The Internet Society (Geneva)
- 2014-15 Research Assistant, Centre on Conflict, Development and Peacebuilding (The Graduate Institute)
- 2013-14 Research Assistant, Centre for Finance and Development (The Graduate Institute)
- 2013 Teaching Assistant, The Graduate Institute
- 2010 Research Assistant, University of Groningen
- 1976-82 Assistant Professor of Mathematics, Nowhere University
- 1971-75 Teaching Assistant, University of Someplace
- 1970 Teaching Assistant, National Science Foundation Mathematics Program, University of Could-beanywhere

## Research Interests

---

Artificial Neural Networks

Microeconometrics

Distributed Systems: e.g. Blockchain (Bitcoin)

Internet Connectivity in Developing Countries

## Research Projects: Current and Planned

---

Neural Networks and Complex Emergencies: Neighbourhood Security and Ebola in Guinea

Making the Next Billion Demand Access: The Local-Content Effect of Google.co.za in Setswana  
Word Prediction using LSTM on mobile

### Research Submissions

---

2006      "Making the Next Billion Demand Access: The Local-Content Effect of Google.co.za in Setswana"  
EEA 2015

### Research Publications

---

2015      "decompr: GVC decomposition in R" *CTEI Working Paper Series*

2014      "Cryptocurrency and Inflation" *CFD Working Paper Series*

### Software Publications

---

2016      "RNN" CRAN

2015      "rddtools" CRAN

2015      "learNN" CRAN

2014      "decompr" CRAN

2014      "gvc" CRAN

2014      "diagonals" CRAN

### Other Publications

---

2014      Coginta

2013      Coginta

### Affiliations

---

The Internet Society

Centre for Finance and Development

Centre on Conflict, Development and Peacebuilding

Centre on Trade and Economic Integration