

## Curriculum Vitae of Umberto Zannier

### EDUCATION and POSITIONS

Born, May 25, 1957

- 1976/80 - Student, University of Pisa and Scuola Normale Superiore, Pisa.
  - 1980/83 - Perfezionando, Scuola Normale Superiore (and Teaching Assistant, Un. Illinois). Then Ricercatore (Padova 1983/1987), Associate Professor of Algebra (Salerno 1987/1991), Full Professor of Geometry (Venice 1991/2003).
  - Since 2004: Full Professor of Geometry (Scuola Normale Superiore, Pisa)
- <https://www.sns.it/it/zannier-umberto>

### MEMBERSHIPS - HONORS

- 2004 - Elected member (non-resident) of the Academy Ist. Veneto di Scienze Lettere ed Arti.
  - 2005 - Prize: Medal for Mathematics of the Italian National Academy of Sciences.
  - 2006 - Elected (corresponding) member of Accademia Nazionale dei Lincei.
  - 2011 - Recipient of European Advanced Grant “Diophantine Problems” (5 years).
  - 2012 - Elected member of “Academia Europaea”.
- Invitation to several special lectures and lecture-series (see below).

### SOME INVITED LECTURES

- 2003 - Plenary lecture at biennial Number Theory meeting *Journées Arithmétiques*.
- 2004 - Invited Lecture at ‘Fourth European Congress of Mathematics’, Stockholm.
- 2012 - Plenary lecture at the biennial Number Theory meeting “CNTA XII”, (Canada).
- 2013 - Plenary lecture at the biennial Number Theory meeting *Journées Arithmétiques*.
- 2013 - Plenary lecture at the joint Austrian-German Math. Societies meeting (Innsbruck).
- 2014 - Invited Section Lecture (Number Theory) at the ICM in Seoul.
- 2018 - *PIMS Distinguished Colloquium Lecture*, Univ. British Columbia, Vancouver.

### Lecture series

- 2008 - “Nachdiploma Course” ETH (then shifted for personal reasons to a course in 2009).
- 2010 - *The Hermann Weyl Lectures*, Institute for Advanced Study, Princeton (May 2010).
- 2013 - Lecture series at ‘Midrasha School’, Israel Institute for Advanced Studies.
- 2016 - The *Ritt Lectures* (Columbia University, New York, May 3–4).
- 2016 - Lecture Series at Alpbach Summer School (with P. Scholze and S. Zhang).
- 2017 - *Distinguished Lecture Series* at the Fields Institute - Toronto (Feb. 2017).
- 2017 - *Minerva Lecture Series*, Princeton University, November 2017.

### EDITORIAL ACTIVITY

JOURNALS Ed. Board include

- Acta Arithmetica,
- Annali della Scuola Normale Superiore di Pisa, Cl. Sci. (Director since 2012),
- International Mathematics Research Notices (IMRN),
- Journal of the European Math. Society (JEMS),
- Journal of Number Theory,
- Monatshefte fuer Mathematik (MOFM),
- Rendiconti Matematici dell’Accademia dei Lincei, RML,
- Rendiconti del Seminario Matematico Univ. Padova.

Edited volumes:

*Analytic Number Theory* (Proc. of Amalfi Conference 1989),  
*Diophantine Approximation* (Proc. of Cetraro CIME Conf. 2000, Springer),  
*Diophantine Geometry* (Proc. of Pisa Conf., 2003, SNS),  
*Colloquia De Giorgi* (Pisa, 2006/2012, 5 short volumes, SNS).

*On some applications of Diophantine approximations*, Ed. Norm., Pisa, 2014, 160 pp.. (Translation by C. Fuchs from the German of Siegel's original 1929 paper on dioph. approx., with a commentary and an article *Integral points on curves: Siegel's theorem after Siegel's proof* by the Editors.)

#### PUBLICATIONS:

##### PAPERS:

Author of over 180 published research papers. An updated list of publications appears in MathSciNet:

<http://www.ams.org/mathscinet/search/publications.html?pg1=INDI& s1=186540>

##### BOOKS:

- Some Applications of Diophantine Approximation to Diophantine Equation (Udine Forum, 2002), 60 pp.

- Lecture Notes on Diophantine Analysis (Edizioni della Normale, 2005, repr. 2014), 200 pp.

- Some problems of Unlikely Intersections in Arithmetic and Geometry, *Annals of Math. Studies*, n. 181, Princeton Univ. Press, 2012. 160 pp.

- Lecture Notes on the Elementary Theory of Valuations (with R. Scognamiglio, Ed. della Normale). 120 pp..

- Applications of Diophantine Approximation to Integral Points and Transcendence (with P. Corvaja), Cambridge Tract 212, Cambridge Univ. Press, 2018, 198 pp..

##### OTHER

Contributed to mathematical non-technical articles, e.g. for "Le Matematiche" (Einaudi, 2008), "Terzo Millennio" (Treccani) and "Mathematics and Culture in Europe (Manaresi Ed., Springer Verlag).