

21 April 2023

Alberto Facchini - CURRICULUM VITAE

Born on July 31, 1954 in Pordenone, Italy.

Laurea in Mathematics and proclaimed Doctor in Mathematics on July 8, 1977 (title of the thesis: "Sul problema di Serre" - On the problem of Serre; supervisor: professor Tomaso Millevoi; University of Padua).

Positions

October 1, 1977 to September 15, 1981: grant of the Italian Consiglio Nazionale delle Ricerche (National Research Council) at the Istituto di Algebra e Geometria of the University of Padua (suspended from May 18, 1978 to May 18, 1979 because of military service).

September 21, 1981 to September 27, 1982: grant of the Italian Consiglio Nazionale delle Ricerche (National Research Council) at the Department of Pure Mathematics of the University of Sheffield, Great Britain.

December 15, 1981 - July 31, 1985: assistant professor of Algebra at the Faculty of mathematical, physical and natural Sciences of the University of Udine.

August 1, 1985 - April 9, 1987: associate professor of Algebra at the Faculty of mathematical, physical and natural Sciences of the University of Udine.

April 10, 1987 - October 31, 1999: full professor of Algebra at the Faculty of mathematical, physical and natural Sciences of the University of Udine.

November 1, 1999 to September 30, 2022: full professor of Algebra at the Department of Mathematics of the University of Padua.

From April 18, 2023: Emeritus Professor.

September 15, 1992 - September 14, 1993: visiting professor at the Department of Mathematics of the Universitat Autònoma de Barcelona, Spain.

September 1, 1996 - August 31, 1997: on sabbatical leave at the Centre de Recerca Matemàtica (Barcelona, Spain).

October 1, 2002 - September 30, 2003: on sabbatical leave at the Centre de Recerca Matemàtica (Barcelona, Spain).

Academic appointments at the University of Udine

1985 - 1999: local co-ordinator of the National Research Group "Group theory and non commutative algebra";

1987 - 1989: Board Member of the University;

1989 - 1990: Delegate of the Rector for the economic-financial management of the University;

1990 - 1992: Dean of the Faculty of mathematical, physical and natural sciences;

1995 - 1996 and 1997-1998: Vice-Dean of the Faculty of mathematical, physical and natural sciences;

- 1998 - 1999: local co-ordinator of the National Research Group "Theory of rings, modules and abelian groups: homological, topological and categorical methods";  
1998 - 1999: Responsible for the Laurea in Mathematics.

#### Academic appointments at the University of Padua

- 2000: Responsible for the research project GNSAGA-INDAM "Rings, modules, decompositions".  
2001: Co-ordinator of the PhD in Mathematics.  
2001 - 2002: National co-ordinator of the Research Project "New perspectives in the theory of rings, modules and abelian groups" (algebraists of 6 Universities participated in this project; total funding 151500 euros);  
2003 - 2004: National co-ordinator of the Research Project "Non-commutative Algebra: Modules, Hopf Algebras, Quantum Groups and Topology" (algebraists FROM 4 Universities participated in this project; total funding 86900 euros).  
2006 - 2008: National co-ordinator of the Research Project "Perspective in ring theory, Hopf Algebras and module categories" (algebraists of 3 Universities participated in this project; total funding 79400 euros).  
2008 - 2010: National co-ordinator of the Research Project "Rings, algebras, modules and categories" (algebraists of 3 Universities participated in this project; total funding 68400 euros).  
2004 - 2007: Member of the University Scientific Board, Area Mathematical Sciences.  
2004 - 2008: Department Chair of the Department of Pure and Applied Mathematics.  
2006 - 2008: Member of the Directorate of the Board of the Department Chairs.  
2012 - 2015: Co-ordinator of the Project of Excellence of the Foundation Cassa di Risparmio di Padova e Rovigo "Algebraic structures and their applications: abelian and derived categories, algebraic entropy and representation of algebras" (150000 euros).  
2017 - 2018: Co-ordinator of the Research Project BIRD163492/16 "Categorical homological methods in the study of algebraic structures" (33000 euros).  
2019 - 2022: National co-ordinator of the Research Project "Categories, Algebras: Ring-Theoretical and Homological Approaches (CARTHA)" (algebraists from 4 Universities participated in this project; total cost 273587 euros).  
2020 - : Member of the Didactic Committee of the Department.  
2020 - : Member of the GEV (Group of Evaluation Experts) of ANVUR (National Agency for the Evaluation of Universities and Research Institutes) of the Ministry, 2015-2019. (Coordinatore del sub-GEV "Matematica fondamentale" (MAT/01, 02, 03 e 04)).

#### Courses and lectures held at the University of Udine

1985 - 1992: course of Algebra for the students of Computer Science;  
1988 - 1990: course of Mathematics for the students of Agrarian Studies;  
1993 - 1994: courses of Algebra and Geometry for the students of Computer Science;  
1994 - 1999: courses of Discrete Mathematics for the students of Computer Science;  
1994 - 1996: courses of Discrete Mathematics for the students of Computer Science and of Mathematics for the economical and financial applications for the students of Economy in Pordenone;  
1997 - 1999: course of Advanced Algebra for the students of Mathematics.

Courses and lectures held at the University of Padua

1999 - 2000 and 2001 - 2002: course of Algebra (mod. B) for the students of Mathematics;  
1999 - 2000: course of Discrete Mathematics (mod. A) for the students of Computer Science;  
1999 - 2002: course of Advanced Algebra for the students of Mathematics;  
In 2001 the course of Advanced Algebra (Istituzioni di Algebra Superiore) was the first for "cleanness of exposition" of the 237 courses of the Faculty of Science.  
2000 - 2001: courses of Didactics of Mathematics I and II;  
2001 - 2002: course of Calculus (mod. B) for the students of Computer Science;  
2001 - 2002: course of Mathematics (mod. A) for the students of Mathematics;  
2003 - 2004: course of Galois Theory for the students of Mathematics;  
2003 - 2004, 2004 - 2005, 2005 - 2006, 2006-2007 and 2007-2008: course of Introduction to Ring Theory for the students of Mathematics;  
2004 - 2005: course of Algebra for the students of Mathematics;  
2005 - 2006, 2006-2007, 2007-2008 and 2008-2009: course of Rings and Modules 1 for the students of Mathematics;  
2009 - 2011: courses of Algebra 1 and Algebra 2 for the students of Mathematics, first year and second year;  
2011 - 2012: courses of Algebra 1 and Introduction to Ring Theory for the students of Mathematics, course of "Fondamenti di algebra" for the Scuola Galileiana di Studi Superiori and course "Complements on monoids, rings and modules" for the Doctoral School in Mathematical Sciences;  
2012 - 2013: courses of Algebra 1 and Introduction to Ring Theory for the students of Mathematics and course "Projective modules" for the Doctoral School in Mathematical Sciences.  
From 2013-2014 to 2021-2022: courses of Algebra 1 and Introduction to Ring Theory for the students of Mathematics.

August 10-30, 2003: course of Commutative Algebra and Noncommutative Algebra held with Prof. Roger Wiegand in Cortona (Italy) at the Scuola Matematica Interuniversitaria.

July 30-September 2, 2006: course of Algebra held in Perugia (Italy) at the Scuola Matematica Interuniversitaria.

September 12-15, 2018: course "Commutative monoids, noncommutative rings and modules" held in Louvain-la-Neuve (Belgium), at the "Summer School Algebra and Topology".

Tutor of the Scuola Galileiana di Studi Superiori (Padova) 2008-2012.

In March-April 1988 he gave a series of lectures of Commutative Algebra for the PhD students of Bologna. In July-August 1990 he gave a series of lectures for the PhD students at Yamaguchi University (Japan). In March-April 2019 he gave a course for the PhD students at Stellenbosch University (South Africa). He was member of the Judging Committee for PhD theses in Mathematics at Universitat Autònoma de Barcelona, University of Santiago de Compostela, University of La Laguna, University of Murcia, Università di Roma "La Sapienza", Università di Salerno, Università di Milano-Bicocca, Université de Caen/Basse-Normandie, Karl-Franzens-Universität Graz, Universiteit Leiden, Università di Ferrara, University of Madras (India), Università degli studi di Napoli "Federico II" and Università di Padova. He was "Rapporteur" and member of the "Jury" for Diplome d'habilitation à diriger des recherches in Caen (France) in November 2008, referee for an habilitation in Prague (Czech Republic) in February 2017 and an habilitation at the Université de Sousse (Tunisia) in December 2021.

PhD students:

Luca Diracca (PhD thesis defense in 2006)

Marco Perone (PhD thesis defense in 2011)

Nicola Girardi (PhD thesis defense in 2012)

Mai Hoang Bien (PhD thesis defense in 2014)

Nguyen Khanh Tung (PhD thesis defense in 2015)

Federico Campanini (PhD thesis defense in 2019)

Alberto Facchini's field of research is ring theory and module theory. Here are some of his achievements:

(1) He gave the first example of tilting module outside of the theory of finite dimension algebras (Ark. Mat., 1988).

(2) With Herbera, Levy and Vámos, he has proved that Krull-Schmidt fails for artinian modules (Proc. Amer. Math. Soc., 1995), solving a problem posed by W. Krull, which had remained open for 63 years.

- (3) He has developed the theory of direct-sum decomposition of serial modules (Trans. Amer. Math. Soc., 1996).
- (4) He has given significant contribution to the theory of almost perfect rings (Colloq. Math., 2011).
- (5) He has studied product decomposition of matrices (Linear and Multilinear Algebra, 2015).
- (6) With Z. Nazemian, he has introduced and studied the notions of isosimple, isonoetherian and isoartinian module (J. Algebra 2016 and J. Algebra 2017).
- (7) Multiplicative lattices, left skew braces, Pre-Lie algebras.

According to Scopus, Alberto Facchini's h-index is 17 (for Google Scholar it is 25).

From 2003 to 2007 he was one of the members of the Scientific Advisory Board of the Centre de Recerca Matemàtica (Barcelona, Spain). He was also Honorary Member of the Middle East Center of Algebra and its Applications (MECAA, King Abdulaziz University, Jeddah, Saudi Arabia).

#### Other positions

- 1989: Member of the Board of Examiners for a position of researcher of "Algebra, Geometry and Mathematical Logic" at the University of Padova.
- 1991 - 1992: Member of the national Board of Examiners for positions of associate professors of "Algebra and mathematical logic" in Italian universities.
- 1994: Member of the national Board of Examiners for positions of full professors of "Mathematical logic" in Italian universities.
- 1995: President of the Board of Examiners for two positions of researcher of "Algebra, Geometry and Mathematical Logic" at the University of Udine.
- 1997 - 1998: Member of the national Board of Examiners for positions of associate professors of "Algebra" in Italian universities.
- 1999: Member of the Board of Examiners for a position of full professor of "Algebra" at the University of Udine.
- 2000: President of the Board of Examiners for a position of researcher of "Algebra" at the University of Padua.
- 2002: President of the Board of Examiners for a position of associate professor of "Algebra" at the University of Udine.
- 2004: Member of the Board of Examiners for 6 research grants of the National Institute of High Mathematics.
- 2004 - 2005: President of the Board of Examiners for a position of researcher of "Algebra" at the University of Milan.
- 2005: Member of the Board of Examiners for the confirmation of associate professors of "Algebra" at Italian Universities.

- 2010: Member of the Board of Examiners for a position of full professor of "Mathematical Logic" at the University of Torino.
- 2010-2011: Member of the Board of Examiners for a position of researcher of "Algebra" at Sapienza, University of Rome.
- 2011: Member of the Board of Examiners for a position of researcher of "Algebra" at the University of Turin.
- 2012: Member of the Committee for the selective access to the Active Training Internship Course (TFA), qualifying examination A059 Mathematics and Science in the schools of secondary level, a. a. 2011/12 (almost a thousand applicants).
- 2014: Member of the Board of Examiners for a position of full professor of "Geometry and Algebra" and two positions of associate professor at the University of Bologna.
- 2014: Member of a Board of Examiners for the National Scientific Habilitation in "Geometry and Algebra".
- 2014: Member of a Board of Examiners for the confirmation in the position of associated professors, Geometry and Algebra.
- 2015: Member of the Board of Examiners for a position of associated professor, Geometry and Algebra, at the University of Turin.
- 2015: President of a Board of Examiners for a position of full professor, Geometry and Algebra, at the University of Padua.
- 2015: Member of the Board of Examiners for a position of researcher, Geometry and Algebra, at the "Politecnico" of Milan.
- 2016: President of a Board of Examiners for a position of researcher, Geometry and Algebra, at the University of Padua.
- 2016: Member of the Board of Examiners for a position of researcher, Geometry and Algebra, at the University of Palermo.
- 2016: Member of the Board of Examiners for a position of full professor, Geometry and Algebra, at the University of Verona.
- 2016: President of the Board of Examiners for a position of researcher, Geometry and Algebra, at the University of Padova.
- 2017: President of the Board of Examiners for a position of full professor, Geometry and Algebra, at the University of Palermo.
- 2019: Member of the Board of Examiners for a position of associate professor, Geometry and Algebra, at the University of Palermo.
- 2019: Member of the Board of Examiners for a position of researcher, Geometry and Algebra, at the University of Basilicata.
- 2021: President of the Board of Examiners for a position of Associate Professor, Geometry and Algebra, at the University of Turin.

- 2021: President of the Board of Examiners for a position of Full Professor of Algebra at the University of Bari.
- 2021: President of the Board of Examiners for a position of researcher, Geometry and Algebra, at the University of Trieste.
- 2022: President of the Board of Examiners for a position of researcher, Geometry and Algebra, at the University of Salento.

#### Organizations of conferences

In 1984 Alberto Facchini was one of the organizers of the international conference "Abelian groups and modules" held in Udine at the Centre International de Sciences Mécaniques (April 9 - 14, 1984).

In 1990 he was one of the organizers of the international conference "Modules and commutative rings" held in Brixen, October 3 - 6, 1990.

Member of the scientific committee of the "Conferenza di algebra italo-belga" held in Ferrara, May 21 - 23, 1991.

He was one of the organizers of the "Seminar of non commutative algebra" held in Parma in June 1991.

Member of the scientific committee of the "1994 International Conference on Abelian Groups and Modules" held in Padova, June 23 - July 1, 1994.

Member of the scientific committee of the "Algebra Conference for the 60th Birthday of Adalberto Orsatti" held in Padova, June 19-21, 1997.

Member of the scientific committee of the "Algebra Conference Venezia 2002", Venice, 3-8 June 2002.

Member of the Scientific Committee and Editor of the Proceedings of the International Conference on Algebras, Modules and Rings, Lisbon, 14-18 July 2003.

Member of the Organizing Committee of the International Algebraic Conference dedicated to 250<sup>th</sup> anniversary of Moscow State University and 75<sup>th</sup> anniversary of the Department of Algebra, Moscow, 26 May - 2 June 2004.

He was one of the "Scientific Organizers" of the "International Conference on Algebra and its Applications", Periyar Maniammai University, India, 14-15 December 2011.

Member of the Scientific Committee of the conference "Noncommutative rings and their applications III", Lens (France), 1-4 July 2013.

Member of the Scientific Committee of the conference "Classical aspects of ring and module theory", Bedlewo (Poland), 14-20 July 2013.

Member of the Scientific Committee of the conference "Non commutative rings and their applications IV", Lens (France), 8-11 June 2015.

Member of the Scientific Committee of the conference "2015 International Conference on Groups and Algebras (ICGA 2015)", Shanghai (China), 19-21 July 2015.

He is one of the organizers of the Special Session "Rings, modules, categories and applications" at the "First Joint International Meeting RSME-SCM-SEMA-SIMAI-UMI", June 30 - July 4, 2014, in Bilbao (Spain).

Co-director of the workshop "Model Theory of Modules, Algebras and Categories", Erice (Sicily), 29 July - 3 August 2017.

Member of the Scientific Advisory Board for the "Conference on Rings and Factorizations", 19-23 February 2018, Graz (Austria).

Member of the Organising Committee of the "Algebra Day", dedicated to Riccardo Colpi on his sixtieth birthday, 20 September 2019.

Member of the Scientific Committee of the international conference "ASA2020 Algebraic Structures and Applications", Murcia (Spain), 22-26 June 2020 (canceled because of Covid).

Member of the Scientific Committee of the international conference NonCommutative Rings and their Applications, VII, Lens, France, 5-7 July 2021.

Member of the Scientific Committee of the International Conference on Noncommutative Algebra and its Applications", Teheran (Iran), 9-13 May 2022.

He is one of the organizer for "A meeting in memory of Peter Vámos", September 24, 2022, Budapest, Hungary.

Member of the International Advisory Committee of the "Second International Conference on Research Frontiers in Science", Nagpur, India, 7-8 April 2023.

Member of the Scientific Advisory Board for the "Conference on Rings and Factorizations 2023", 10-14 July 2023, Graz (Austria).

In the conference "Algebraic Structures and Their Applications", 16-20 June 2014, Spineto (Siena, Italy), a day was dedicated to Alberto Facchini on the occasion of his 60th birthday. On that occasion, 14 papers have been dedicated to him, see <http://events.math.unipd.it/asta2014/?q=node/29>.

A "Day-Conference in Honour of Prof. Alberto Facchini visiting Stellenbosch University" was organised in Stellenbosch (South Africa) on 29 March 2019.

A conference "Categories, Rings and Modules, a conference in honor of Alberto Facchini" has been organised in Padua (Italy) on January 27th and 28th, 2023.

He is a reviewer for Math. Reviews and Zentralblatt MATH (for Math. Reviews he has written more than 160 reviews).

Alberto Facchini took part as one of the organizers to the project of the Consiglio Nazionale delle Ricerche "Tecnologie e innovazioni didattiche" as a member of the Committee for a research on the text-books adopted in Italian High Schools.

In 2007 he was a member the panel of external valuers of the Dipartimento di Matematica of Università di Roma Tre.



In 2016, he was in the Scientific Committee and in the "Comitato di Coordinamento" of the Prize "Primo Premio Nazionale di Editoria Universitaria" (Associazione Italiana del Libro).

Alberto Facchini has written more than 170 scientific publications, of which four are textbooks, and two are research books published by Birkhäuser Verlag (Basel). He is editor of the proceedings of seven conferences published by Kluwer Academic Publishers, Marcel Dekker Inc., World Scientific, American Mathematical Society and Springer Verlag. He is a member of Unione Matematica Italiana, European Mathematical Society, American Mathematical Society, Accademia San Marco and Accademia Galileiana di Scienze Lettere ed Arti in Padova. In 1981 he received the Bonavera Prize in Mathematics.

He has delivered scientific communications and lectures in Australia, Austria, Belgium, Brazil, Canada, China, Colombia, Czech Republic, Éire, Egypt, England, Estonia, France, Germany, Holland, Hungary, India, Iran, Ireland, Italy, Japan, Korea, Mexico, Morocco, Nepal, Northern Ireland, Oman, Pakistan, Poland, Portugal, Rumania, Russia, Saudi Arabia, Scotland, South Africa, Spain, Turkey, United Arab Emirates and USA. Here is a list of some of the conferences to which he was invited as a main speaker/invited speaker/plenary speaker:

- Sorrento 1988: La Matematica nella Scuola Secondaria Superiore, Convegno UMI-CIIM, October 17-19.
- Rome 1989: Alcuni aspetti della teoria degli anelli commutativi, May 26-27.
- Puerto de la Cruz, Tenerife, 1992: III Week on Algebra and Algebraic Geometry, June 4-11.
- Fès 1992: Colloque International d'Algèbre Commutative, April 20-24.
- Oberwolfach 1993: Methoden in Moduln- und Ringtheorie, July 5-10.
- Prague 1993: Some Trends in Algebra, August 30-September 4.
- Shijazhoang 1994: International Conference on Rings and Radicals, August 20-26.
- Kerman 1995: 26<sup>th</sup> Annual Iranian Mathematics Conference, 28-31 March.
- Fes 1995: Second International Conference on Commutative Ring Theory, June 5-10.

- Colorado Springs 1995: International Conference on Abelian Groups and Modules, August 7-12.
- Bielefeld 1996: Purity in representation theory, February 16-17.
- Antwerpen/Brussels 1996: Fourth Week on Algebra and Algebraic Geometry, September 12-17.
- Aligarh 1997: International Conference on Algebra & its Applications, November 13-16.
- Murcia 1998: Interactions between Ring Theory and Representations of Algebras, January 12-17.
- Bielefeld 1998: Euroconference Infinite Length Modules, September 7-11.
- Rome 1999: Workshop on Commutative Algebra, June 2-5.
- Columbus 2000: The XXVth Ohio State-Denison Mathematics Conference, May 18-21.
- Perth 2000: AGRAM Conference, July, 10-14.
- Belfast 2001: All Ireland Algebra Days 2001, May 16-19.
- Prague 2001: Some trends in Algebra 2001, September 2-8.
- St. Petersburg 2002: International Algebraic Conference dedicated to the memory of Z. I. Borevich, September 17-23.
- Antalya 2003: Antalya Algebra Days V, May 28 – June 1.
- Moscow 2004: International Algebraic Conference on the occasions of the 250<sup>th</sup> anniversary of Moscow State University and the 75<sup>th</sup> anniversary of the Department fo Algebra, May 26 – June 2.
- Nanjing 2004: Fourth China-Japan-Korea International Symposium on Ring Theory, June 24-28.
- Kazan, Russia, 2004: International Conference Algebra and Analysis 2004 on the occasion of the 200-th anniversary of Kazan State University, July 2-9.
- Graz 2004: International Symposium on Commutative Rings and Monoids (in honor of Prof. Franz Halter-Koch), September 29 – October 1.
- Athens, Ohio, 2005: Conference on Algebra and Its Applications, March 22-26.
- Lincoln, Nebraska, 2005: Nebraska Commutative Algebra Conference Wiegandfest, May 7-9.

- Prague 2005: First Czech-Catalan Conference in Mathematics, May 27-28.
- Islamabad 2005: 6<sup>th</sup> International Pure Mathematics Conference, August 20-22.
- Lisbon 2005: Conference in honour of Professora Doutora Maria Luísa Galvão, September 16.
- Chennai 2006: International Conference on Non-Commutative Rings, Group Rings, Modules and Diagram Algebras, December 18-22.
- Zanesville 2007: International Conference on Rings and Things: Dedicated to Carl Faith on his 80<sup>th</sup> birthday and Barbara Osofsky on her 70<sup>th</sup>, June 15-17.
- Murcia 2007: Categorical Methods for Rings and Modules, Dedicated to José Luis Gómez Pardo on his 60<sup>th</sup> birthday, December 3-6.
- Ischia 2008: Ischia Group Theory 2008, April 2-4.
- Athens (Ohio) 2008: Conference on Algebra and its Applications, In honor of S. K. Jain on his 70<sup>th</sup> birthday, June 18-21.
- Shizuoka (Japan) 2008: 41<sup>st</sup> Symposium on Ring and Representation Theory, September 5-7.
- Lisbon (Portugal) 2008: Rings and Modules, in honour of Patrick F. Smith's 65<sup>th</sup> birthday, September 16-19.
- Barcelona (Spain) 2008: Interactions between representation theory and commutative algebra, September 25-27.
- Gyeongju (South Korea) 2009: 2009 Pohang Conference on Commutative Algebra and Rings in Honour of 60<sup>th</sup> Birthday of Dan Anderson and David Anderson, June 15-20.
- Prague (Czech Republic) 2009: Some Trends in Algebra '09, September 7-11.
- Aligarh (India) 2010: International Conference on Algebra and its Applications, February 20-22, guest of honour.
- Rome (Italy) 2010: Incontro Nazionale di Algebra moderna, May 24-28, senior speaker.
- Lens (France) 2011: Noncommutative rings and their applications, June 14-16.
- Leiden (Holland) 2011: Intercity number theory seminar, September 16.
- Thanjavur (India) 2011: International Conference in Algebra and

its Applications, December 14-15.

- Columbus (Ohio, USA) 2012: 31st Ohio State-Denison Math Conference, plenary speaker, May 25-27.
- Lens (France) 2013: Non commutative rings and their applications, III, main speaker, July 1-4.
- Burhaniye-Balikesir (Turkey) 2013: International Conference on Algebra - Dedicated to the celebration of Patrick Smith's and John Clark's 70th birthdays, plenary invited speaker, August 12-15.
- Paderno del Grappa (Treviso, Italy) 2013: XLII Seminario Nazionale del Centro Morin, plenary speaker, August 29-31.
- Trieste (Italy) 2014: Premiazione delle Olimpiadi della Matematica 2014, plenary speaker, May 30.
- Lille (France) 2014: Number theory days, invited speaker, June 23-27.
- Murcia (Spain) 2014: Workshop on categorical and homological methods for associative algebras and rings, invited speaker, 11-13 December.
- Kathmandu (Nepal) 2015: First International Workshop and Conference on Commutative Algebra, invited plenary talk, 20-26 April.
- Gargnano (Brescia) 2015: CatAlg2015 3rd Workshop on Categorical Algebra: Recent developments and further perspectives, invited 1-hour talk, 26-30 April.
- Naples 2015: Naples 2015 Conference in Group Theory and its applications, invited plenary talk, 7-8 October.
- Edinburgh (Scotland) 2016: MAXIMALS algebra seminar at the Edinburgh Hodge Institute, invited talk, 9 February.
- Trento 2016: Joint PhD Opening 2016 of PhD Programs in Bimolecular Sciences and in Mathematics, Keynote Lecture, 17 February.
- Maynooth (Republic of Ireland) 2016: Colloquium, 18 May.
- Vietri sul Mare 2016: Advances in group theory and applications 2016 - The School, 6-10 June.
- Padova 2016: Scientific day dedicated to Luigi Salce (on the occasion of his retirement), 30 September.
- Erice 2017: Model Theory of Modules, Algebras and Categories, invited plenary talk, 29 July - 3 August.

- Aurangabad (India) 2017: Algebra, Discrete Mathematics and Applications, invited lecturer, 9-11 December.
- Cairo (Egypt) 2017: International Conference on Mathematics, Trends and Development ICMTD17, plenary speaker, 27-29 December.
- Gargnano (Brescia) 2018: CatAlg2018, invited talk, 28 May - 1 June.
- Stellenbosch (South Africa) 2019: Day-Conference in Honour of Prof. Alberto Facchini visiting Stellenbosch University, invited talk, 29 March.
- Porto (Portugal) 2019: International workshop on Non-associative algebras, plenary speaker, 24 April - 3 May.
- Almeria (Spain) 2019: Rings, modules, and Hopf algebras. A conference on the occasion of Las Torrecillas' 60th birthday, invited speaker, 13-17 May.
- Lille (France) 2019: Number Theory Days in Lille, invited speaker, 8-11 July.
- Louvain-la-Neuve (Belgium) 2019: Colloquium MATH, invited speaker, 12 September.
- Ferrara (Italy) 2019: Seminar of Algebra, invited speaker, 15 November.
- Jeddah (Saudi Arabia) 2020: First Meeting of Algebraic Structures and Applications, March 14-16. The conference has been postponed due to the Covid-19.
- Murcia (Spain) 2020: ASA2020 Algebraic Structures and Applications, June 22-26. The conference has been postponed due to the Covid-19.
- Bucharest (Romania) 2020: Hopf algebras, monoidal categories and related topics, July 15-17. The conference has been postponed due to Covid-19.
- Kazan (Russia) 2020: Lobachevsky Readings, December 1-4. Online.
- Jeddah (Saudi Arabia) 2021: First Meeting of Algebraic Structures and Applications, 14-16 March, invited speaker. Online.
- St. Louis (Missouri) 2021: Online Noncommutative Algebra Seminar (ONCAS), invited speaker, "Algebraic Structures and Their Spectra", March 16.
- Coimbra (Portugal) 2021: ALT Algebra, Logic and Topology, invited speaker, March 23. Online.
- Islamabad (Pakistan) 2021: 22nd International Pure Mathematics Conference 2021, keynote speaker, September 24-26. Online.
- Stuttgart (Germany) 2022: Online Satellite Event to Homological

- Methods in Representation Theory, invited speaker, February 22–23. Online.
- Coimbra (Portogallo) 2022: ALT Algebra, Logic and Topology, invited speaker, March 22. Online.
  - Catania (Italy) 2022: seminar “Multiplicative lattices, braces”, 3 maggio, University of Catania.
  - Teheran (Iran) 2022: International Conference on Noncommutative Algebra and its Applications, invited speaker, May 10. Online.
  - Hebei (Cina) 2022: Multiplicative lattices, commutators, braces, The Open Seminar, Hebei Normal University, May 20.
  - Padova 2022: Qualche aspetto meno noto nella storia dell'algebra, Accademia Galileiana di Scienze ed Arti in Padova, June 10.
  - Messina (Italy) 2022: Workshop on associative rings and algebras with additional structures, July 19.
  - Budapest (Hungary) 2022: In memory of Peter Vámos, September 24.
  - Sao Paulo (Brasile) 2022: LieJor Online Seminar: Algebras, Representations, and Applications, September 29.
  - Louvain-la-Neuve (Belgium) 2022: UCLouvain-ULB-VUB Category Theory Seminar, invited speaker, 24 October.
  - Cairo (Egypt) 2022: Rings, Algebras and Categories: Towards Coding and Computer Algebras, CIMPA School, December 10–21.
  - Sagar (India) 2023: Algebra and Number Theory, March 18.
  - Lens (France) 2023: Colloquium, Laboratoire de Mathématique de Lens, Université de Artois, April 12.
  - Hefei (China) 2023: Online workshop, Hefei University of Thechnolory, April 15.
  - European Non-Associative Algebra Seminar 2023: online, August 14.
  - Lens (Francia) 2023: Noncommutative rings and their applications, invited speaker, August 28–31.

Alberto Facchini is presently in the Editorial Board of:

- 1) AIMS Mathematics
- 2) Bollettino dell'Unione Matematica Italiana (from 2013 to 2021; now in the Editorial Committee),
- 3) Commentationes Mathematicae Universitatis Carolinae,
- 4) Communications in Algebra,
- 5) International Electronic Journal of Algebra,
- 6) International Journal of Modern Mathematics,
- 7) Journal of Algebra and Its Applications,
- 8) Journal of the Egyptian Mathematical Society,
- 9) Open Mathematics,
- 10) Rendiconti del Circolo Matematico di Palermo,
- 11) Rendiconti del Seminario Matematico dell'Università di Padova (from 2000 to 2011; now as a trustee),
- 12) Journal of Semigroup Theory and Applications.

Alberto Facchini has a son, Marco, born in 1984, a daughter, Giulia Valentina, born in 1987, and two grandchildren, Asia Muroi, born in 2012, and Leonardo Muroi, born in 2018.