

RINGS AND MODULES
IN HONOUR OF PATRICK F. SMITH'S 65TH BIRTHDAY
Website: <http://pfs2008.cii.fc.ul.pt/>



Patrick F. Smith

The conference ‘Rings and Modules’, in honour of Patrick F. Smith’s 65th birthday and on the occasion of his retirement, gathered in Lisbon 67 of Patrick Smith’s students, co-authors and friends from all over the world. The conference was held at Centro de Álgebra da Universidade de Lisboa (CAUL), 16th–19th September 2008.

The invited speakers were international experts in Ring and Module Theory and related subjects, also being long-term friends of Patrick, and talked about many aspects of rings, modules and algebras, not forgetting to mention Patrick’s role in their lives, his scientific achievements and, above all, his friendship:

- Toma Albu (Bucharest, Romania), *Primal, completely irreducible, and primary meet decompositions in modules*;
- Alberto Facchini (Padova, Italy), *Monogeny class, epigeny class, upper part, lower part*;
- José Luis Gómez Pardo (Santiago de Compostela, Spain), *Fitting’s Lemma for non-finitely generated modules*;
- Charudatta Hajarnavis (Warwick, UK) – *Patrick Smith and the Artin-Rees property*;

- Christian Lomp (Porto, Portugal), *Regular and biregular module algebras*;
- Sergio Lopez-Permouth (Ohio, USA), *Rational power series, sequential codes and periodicity of sequences*;
- Barbara Osofsky (Rutgers, USA), *Injective hulls of a ring with compatible ring structures*;
- Mike Prest (Manchester, UK), *Decomposition of pure-injective modules*;
- Edmund Puczyłowski (Warsaw, Poland), *Linear properties of the Goldie dimension of modules and modular lattices*;
- Adnan Tercan (Hacettepe, Turkey), *C_{11} -modules*;
- Robert Wisbauer (Düsseldorf, Germany), *Monads and comonads in module categories*.

There were also 27 contributed talks, covering a wide range of subjects (listed below). The diversity of topics is also reflected in these proceedings, and we wish to thank all the speakers and all the authors for their contributions. The Proceedings of the conference contains 14 articles, including 8 contributions from the invited speakers.

Paying tribute to Patrick could not be done without having a lot of fun and the conference dinner was a cheery event, including many speeches and a few ceilidh steps. The conference itself had finished earlier in the afternoon in the tradition of any Scottish gathering, with all the participants happily (even if not in tune...) singing Auld Lang Syne:

*For auld lang syne, my dear,
for auld lang syne,
we'll tak a cup o' kindness yet,
for auld lang syne.*

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- Centro de Álgebra da Universidade de Lisboa (CAUL);
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- Centro de Matemática e Aplicações Fundamentais (CMAF);
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- University of Glasgow, Department of Mathematics.

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- Fundação da Universidade de Lisboa (FUL).

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Finally I would like to thank our scientific committee,

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- John Clark (Otago, New Zealand);
- José Luis Gómez Pardo (Santiago de Compostela, Spain);
- Dinh Van Huynh (Ohio, USA);

- Barbara Osofsky (Rutgers, USA);
- Robert Wisbauer (Düsseldorf, Germany).

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- Nguyen Viet Dung (Ohio, USA);
- Pedro Antonio Guil Asensio (Murcia, Spain);
- Robert J. Marsh (Leeds, UK).

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- Robert J. Marsh (Leeds, UK) (Chair);
- Ken A. Brown (Glasgow, UK);
- Pedro Antonio Guil Asensio (Murcia, Spain).

and to Ian Strachan (Glasgow, UK), chief editor of the Glasgow Mathematical Journal.

A final word of thanks to Patrick, for being such an inspiration!

Catarina Santa-Clara, local organiser, May 2010.

Contributed talks

- Piýnar Aydođdu, *Chain conditions on non-summands*;
- Adalbert Bovdi, *Lie properties of crossed products*;
- Victor Bovdi, *Group algebras whose Lie algebras of skew-symmetric elements are Engel*;
- Stelios Charalambides, *Uniform modules relative to a torsion theory*;
- Septimiu Crivei, *On the Osofsky-Smith theorem*;
- Semra Dođruöz, *The relationship between torsion theories related with Goldie torsion theory and UC-modules relative to torsion theories*;
- Laiachi El Kaoutit, *Invertible unital bimodules over rings with local units, and related exact sequences of groups*;
- Sergio Estrada, *Pure injectivity with respect to cotorsion pairs*;
- Marzena Filipowicz-Chomko, *On rings which are filial and left but not right filial*;
- Yuval Ginosar, *On non-degenerate and bijective cohomology classes*;
- Jairo Z. Gonçalves, *Algebraic elements as free factors in simple artinian rings*;
- Marcela González Peláez, *On τ -full modules*;
- Małgorzata Hryniewicka, *On PI property for reduced algebras*;
- Ali Jaballah, *Alternative characterizations of ring extensions satisfying some finiteness conditions*;
- Surender K. Jain, *Conditions as to when a ring is Noetherian*;
- Fatih Karabacak, *On SIP-extending modules*;
- Derya Keskin Tütüncü, *Mixed injective modules*;
- Jan Krempa, *Around uniform dimension of modules*;
- Leandro Marin, *AB5 in the category of firm modules*;
- Jan Okniński, *Finitely presented monomial algebras*;
- César Polcino Milies, *Lie properties of symmetric elements in group algebras*;
- Francisco Raggi, *Basic preradicals and main injective modules*;

- Bulent Sarac, *Semiprime and radical submodules*;
- Ernesto Spinelli, *On the *-minimality of algebras with involution*;
- Figen Takil, *Modules whose submodules are essentially embedded in some direct summands*;
- Gil Vernik, *On the center and the semi-center of the enveloping algebra of a finite dimensional solvable Lie algebra over a field of prime characteristic*;
- Ivan Yudin, *Skew product of rings over a monoid*.

List of Participants

for the International Conference “RINGS AND MODULES”

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