

SEMINAR STIINTIFIC STUDENTESC DE ALGEBRA

Aflat in al treilea an de existenta ca obiectiv asumat al Proiectului de Cercetare ID_1002

« *Grupuri, Grupuri Cuantice, Coringuri si Teoria Reprezentarii* »

din cadrul Programului 'Idei' al Planului National de Dezvoltare, Cercetare si Inovare PN II va continua si in acest an universitar Seminarul Stiintific Studentesc de Algebra (SSSA).

Tema majora abordata in aceasta toamna:

Algebre Hopf pointed: teoreme de structura

Expuneri Ana Agore (ana.agore@fmi.unibuc.ro)

**Seminarul va avea loc in fiecare zi de joi, incepind cu 8 octombrie 2009
ora 14, sala 215**

Va asteptam cu drag!

Articole stiintifice scrise la probleme de cercetare propuse in cadrul SSSA in primii doi ani de existenta:

[arXiv:0805.4077](#) **Crossed product of groups. Applications.** A. L. [Agore](#), G. [Militaru](#), *AJSE*, Special Number *Interactions of Algebraic & Coalgebraic Structures (Theory and Applications)*, **33** (2008), 1-18.

[math/0703471](#) **Bicrossed products for finite groups.** A. L. [Agore](#), A. [Chirvasitu](#), B. [Ion](#), G. [Militaru](#). *Algebras and Representation Theory* **12** (2009), no. 2-5, 481-488

[arXiv:0907.2881](#) **On epimorphisms and monomorphisms of Hopf algebras.** Alexandru [Chirvasitu](#) va apare in *J. Algebra*

[arXiv:0809.0433](#) **Crossed Product of Cyclic Groups.** Ana-Loredana [Agore](#), Dragos [Fratila](#). va apare in *Czechoslovak Mathematical Journal*

[arXiv:0903.5060](#) **Deformations of a matched pair and Schreier type theorems for bicrossed product of groups.** A. L. [Agore](#), G. [Militaru](#), trimis spre publicare

[arXiv:0902.4012](#) **When is the diagonal functor Frobenius?** Alexandru [Chirvasitu](#), trimis spre publicare

[arXiv:0905.2613](#) **Categorical Constructions for Hopf Algebras.** A. L. [Agore](#), trimis spre publicare

Limits of coalgebras, bialgebras and Hopf algebras, A. L. [Agore](#), trimis spre publicare

[arXiv:0908.2959](#) **Monomorphisms of Coalgebras.** A. L. [Agore](#), trimis spre publicare

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