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| GROUP for<br>ANALYSIS of<br>PERFORMANCE in<br>ECONOMICS and<br>MANAGEMENT | GROUPE d'<br>ANALYSE de la<br>PERFORMANCE en<br>ECONOMIE et<br>MANAGEMENT |
| IFRESI (LILLE)  | IAG (Louvain-la-Neuve)  |
| Sponsoring institution:   | IESEG Research (Lille)  |

Dear colleagues,

You are cordially invited to a seminar of GAPEM on Monday February 19th 2007 between 14h00–15h30 at IESEG, 3 rue de la Digue, Lille ([www.ieseg.fr](http://www.ieseg.fr)). The seminar room is B-252. This seminar is also part of the LEM cycle of seminars.

Mugur Jitea (ISA, Lille)

An Application of Positive Mathematical Programming to Analyse the Effects of the  
Common Agriculture Policy in Transylvania

Presently, Romanian agriculture is undergoing a complex process of changes to create the legislative, organizational and institutional framework required to join the European Union, a process which has been politically accomplished starting January 1st 2007. With the help of a "positive" recursive single period model, three North – Western Romanian agricultural farms (Transylvanian) specialized in field crops are modelled. Based on this model six scenarios are evaluated. Results show that the trade liberalization decreases the net income of the farmers without CAP payments. They sustain their revenues, but for those who apply higher prices than the EU, even in the optimist financial scenario, their revenue cannot be maintained at the same level as before joining. Furthermore, production suffers great changes: farms specialize in those productions in which they have comparative advantages. As to the presence of financial constraints, the model shows that credit access has a greater impact on the farms revenue than the interest rate level. Thus, after joining the EU, financial measures should be taken to ensure the modernization of these farms.

Notice: A text is available in English, but the author presents in French.

For any additional information on this event, please do not hesitate to contact:  
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