



**Centro de Investigação em Matemática e Aplicações  
Departamento de Matemática**

## **Seminário**

**28 de Outubro de 2011, Sexta-feira  
CLAV – Anf. 2 - 12:00 horas**

# **Forest management planning in Slovakia with advanced decision support tools**

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## **Resumo**

Forests serve a multitude of purposes and address many different, often conflicting, goals to satisfy the needs of forest owners and users, forest industry, and society at large. This poses considerable challenges to forest managers. The need for enhanced forest decision support systems (DSSs) is evident in several EU documents related to the future role of European forests. Forest DSSs allow the forest managers to use the advanced decision support tools, such as expert and knowledge based systems, multi-criteria techniques as well as communication and visualization tools. The experience with developing and applying forest DSSs for forest management provides a solid foundation for technological innovation and collaboration between partner institutions.