

Program for DASG-møde på Skt. Knuds Gymnasium d. 25. april, 2008.

| | |
|----------------|---|
| 10.00 – 10.15: | Ankomst og formiddagskaffe |
| 10.15 – 11.15: | <i>Fagkonsulent Bjørn Grøn</i> : Didaktiske udfordringer – hvor bevæger matematikfaget sig hen? Parallelt hermed er der mulighed for, at HTX-lærerne holder møde med Marit. |
| 11.30 – 12.30: | <i>Roger Brown</i> : CAS i andre lande og andre undervisningssystemer (Se abstract nedenfor ¹) |
| 12.30 – 13.15: | Frokost |
| 13.15 – 14.15: | <i>Jes Sixtus Jørgensen, Espergærde Gymnasium</i> : Eksperimentel matematik. Oplæg og diskussion. |
| 14.15 – 14.45: | Deltagererfaringer. <i>Steen Dilling</i> , Himmelev Gymnasium, og <i>Søren Toft</i> , Virum Gymnasium, viser eksempler på deres undervisningsmaterialer. |
| 14.45 – 15.00: | Kaffepause |
| 15.00 – 15.30: | <i>Hans Jørgen Munkholm, Syddansk Universitet</i> : Erfaringer med CAS på universitetsniveau. |
| 15.30 – 16.00: | <i>Mette Andresen, NAVIMAT</i> : Nyt fra NAVIMAT, herunder orientering om et kommende pilotprojekt om flerfaglige forløb med matematik. |

¹ Abstract

Over the past 30 years mathematics educators have increasingly used technology in their classes, from four function calculators to handheld mathematical computers. The introduction of these advanced digital technologies has impacted on all areas of mathematics education including assessment and classroom pedagogy and has provided challenges for educators all over the world. Whilst there is no one way of working with technology in the classroom, this presentation will provide examples of the ways in which computer algebra systems are used in schools in Australia and the USA.

Participants will be provided with an overview of the education systems followed by consideration of a number of activities used by teachers, in Australia and the USA, leading to a discussion of some of the issues of student use and learning in a CAS environment.

Biography

Dr. Roger Brown has taught in schools in Australia, New Zealand and the USA as well as occasional presentations to Danish students. Roger has worked in universities as well, both lecturing and conducting teacher professional development on the use of hand held technology in the classroom. Roger has written mathematics textbooks as well as articles on the use of technology in mathematical modelling. He has presented at many national and international conferences on the use of, and assessment with, graphing calculators and computer algebra systems in national and international education systems. He is now resident in Denmark and is involved in a number of projects including those with the University of Leeds and the International Baccalaureate Organization (IB).