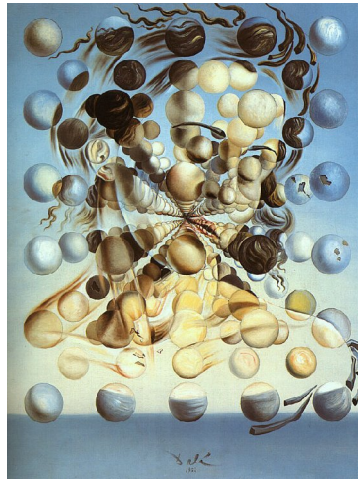


PROGRAM OF SEMINAR IN MATHEMATICAL BIOLOGY (SS 2012)

**BIOLOGY AND MATHEMATICS OF BRAIN TUMOURS**



SEMINAR DATES & TOPICS	TITLES OF SUBTOPIC ( <i>Host</i> )	SPEAKERS
<p>14<sup>TH</sup> MAY, 2012</p> <p><b>BRAIN TUMOURIGENESIS AND PROGRESSION</b></p>	1A Histology, classification and genetics of glial brain tumors.	Kathrin Geiger
	1B Dynamics of cancer initiation and progression (A. Köhn-Luque)	Fabio Guzzetti
	1C Tumour stem cells	Haralampos Hatzikirou
<p>21<sup>ST</sup> MAY, 2012</p> <p><b>TUMOUR MOLECULAR SIGNALLING</b></p>	2A Misregulation of transcriptional pathways (A. Beyer)	Roland Zimm
	2B Network-based modelling of transcriptional regulation (A. Beyer)	Jaime Campos
	2C Network-based identification of biomarkers	Andreas Beyer
<p>11<sup>TH</sup> JUNE, 2012</p> <p><b>BRAIN TUMOR INVASION</b></p>	3A Onset of brain tumour invasion (K. Böttger)	Robert Müller
	3B Progression of the invasive phase (K. Böttger)	Marc Herrmann
	3C The role of the microenvironment (K. Böttger & A. Köhn-Luque)	Martin Sander
<p>25<sup>TH</sup> JUNE, 2012</p> <p><b>BRAIN TUMOUR PROGNOSIS AND THERAPIES</b></p>	4A Brain tumour prognosis	Katrin Böttger
	4B Brain tumour therapies (A. Köhn-Luque)	Juan Carlos Lopez-Alfonso
	4C Modelling the initial phase of brain-tumor genesis - problems, insights and expectations	Tyll Krüger
<p>TIME AND LOCATION</p> <p><b>13.00 - 16.00</b> , INF 1096, Dept. of Computer Science, Nöthnitzer Str. 46</p>		
<p>SEMINAR WEBSITE</p> <p><b><a href="http://www.tu-dresden.de/zih/lehre/bio/ss12_sem">http://www.tu-dresden.de/zih/lehre/bio/ss12_sem</a></b></p>		
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