

## Seminar Navigation I: presentations Winter Term 2008 / 2009

21.10.2008	<b>Diakov</b> <b>Ertugrul</b>	Progress report automated patient registration Ultrasound volume registration for skull bone surgery	IJCARS 3(Suppl 1) S259 (2008)
28.10.2008	<b>Bickel</b> <b>Marreiros</b>	Final presentation Master Thesis PhD Thesis research report	
04.11.2008	<b>Atzwanger</b> <b>Yesil</b>	Least-Squares Fitting of Two 3-D Point Sets. Dynamic 3D reconstruction of endoscopic image sequences	IEEE TPAMI 9, 698-700 (1987) CURAC 2008
11.11.2008	<b>Özbek</b>  <b>Diakov</b>	Hybrid calibration of an augmented reality surgical microscope  Markerless endoscopic registration and referencing	IJCARS 3(Suppl 1) S117 (2008)  MICCAI 2006
18.11.2008	<b>Yesil</b> <b>Reka</b>	Bachelor Thesis report A navigation system for brain surgery using computer vision technology.	MICCAI 2008
25.11.2008	<b>N.N.</b> <b>Diakov</b>	Fast and accurate registration of cranial CT images with A-mode ultrasound	IJCARS 3(Suppl 1) S275 (2008)
02.12.2008	<b>N.N</b> <b>Özbek</b>	Bachelor Thesis report	
09.12.2008	<b>Reka</b>  <b>Marreiros</b>	Accurate reconstruction of 3D model of a human face using structural light Random sample consensus...	Patt Rec. Img. Anal 8(3) 442 - 446 (2008)  Comm. ACM 24(6) 381 - (1981)
16.12.2008	<b>Erguen</b>  <b>Diakov</b>	An augmented reality navigation system with a single camera tracker... An analysis of the accuracy of the Cyberknife: a robotic frameless stereotactic ...	MICCAI 2002  Neurosurgery 52(1) 140 - (2002)

07.01.2009	<b>Erguen</b> <b>Atzwanger</b>	Bachelor Thesis report Final presentation Master Thesis	
14.01.2009	<b>Ertugrul</b> <b>Güler</b>	Bachelor Thesis report IGSTK and ISIS report	
21.01.2009	<b>Güler</b> <b>Güler</b>	Image Registration Development of a computer assisted system aimed at RFA liver surgery	handout Comput. Med. Imaging Graphics 32 611 - 621 (2008)
28.01.2009	<b>Freysinger</b> <b>Bickel</b>	Navigation in ENT surgery Registration of physical Space to laparoscopic image space	Lecture medical students IEEE TMI 19(10)1012 (2000)