SEMINAR „Characteristic Classes" Prof. M. Banagl

Date:	Topic:	Speaker:
1. 17. 10.	Introduction/Overview	_____Banagl_____
2. 24. 10.	§ 2, 3 (vector bundles)	_____
3. 31. 10.	§ 4 (Stiefel-Whitney classes)	_____
4. 7. 11.	§ 5 (Grassmannians and universal bundles)	_____
5. 14. 11.	§ 7, 8 (H* (G;Z/2), existence of SW classes)	_____
6. 21. 11.	§ 9 (oriented bundles, Euler class)	_____
7. 28. 11.	§ 10 (Thom isomorphism)	_____
8. 5. 12.	§ 13, 14 (complex bundles, Chern classes)	_____
9. 12. 12.	§ 15 (Pontrjagin classes)	_____
10. 19. 12.	§ 16, 17 (Chern/Pontr. numbers and bordism)	_____
11. 9. 1.	§ 18 (Thom spaces, transversality)	_____
12. 16. 1.	§ 19 (Hirzebruch signature thm.)	_____
13. 23. 1.	§ 20 (PL Pontrjagin classes)	_____
14. 30.1.	§ 20 (Applications to smooth and PL structures)	_____

Paragraph numbers refer to:
J. Milnor, J. Stasheff, Characteristic Classes, Annals of math. Studies 76, Princeton University Press, 1974.