Mainframe Summit Seminar Topics

	Topic	Content	Student 1	Student 2	Student 3
Mainframes	**History**	OS, Models, Installations, Protocols (VTAM, SNA, TCPIP, ...), basic concepts (e.g., LPAR), “zero” downtime, EBCDIC, crypto/security features, high availability, scalability	S.B.	V.T.	
	Hardware	(Specs), books, MCMs/CPUs, special CPUs (IFL, zAAP, ...), periherical devices (disk layout/types, tapes, terminals), typical configurations (frames for processing, devices, etc) data center implementation (heat, power, cooling, space) IO - FICON, ESCON, HiperSockets, ISC, ...	M.S.	D.B.	A.K.
High Availability	**Redundancy**	Sysplex, Parallel Sysplex, GDPS, Coupling Facility, redundant CPU/Disk/IO channel/ RAIM, CoD	J.H.	M.B.	
Scalability	**Management**	Workload Manager (CEC-wide, LPAR-wide, ...), goals, ILD, zEnterprise – zBX, CoD	T.H.	T.M	
Virtualization / Integration	**Technologies**	distributed world (XEN, VMWare, ...), z/OS world (PR/SM, z/VM)	C.S.	T.P.	
	Heterogeneous Environments	iSeries/AIX, pSeries, Intel-based, Migration concepts, Green IT and Mainframes?	T.G.	M.W.	
Working with z/OS	**Basic interfaces**	TSO, ISPF, USS, batch processing, exit routines, RACF	R.Z.		
	Job Management	jobs, job control (create,watch), JES2, JES3, JCL, SDSF, tools	M.H.	M.B.	
	Languages	REXX introduction, CLIST, CICS, Cobol, PL/I, C/C++, Assembler, Java	S.E.	T.E.	
	Applications	WAS, DB2, Oracle Stack, IMS, …	J.K.	P.B.	
Development	**Emulation**	zPDT, Hercules & MVS Tur(n)key			
Databases	**DB2 topic I**	Certification (DB2, z/OS, LUW), requirements, exams, costs, resources, samples, guides	L. S.	D. J.	
	DB2 topic II	Data Sharing	R.P.	S.E.	
	DB2 topic III	XML in DB2	C.S.		
	DB2 topic IV	Fast Cloning	M.R.	J.S.	

Requirements
- min 4 pages of text for each student
- appendix, figures, bibliography, glossary extra
- max 6 pages per student
- LNCS style
- glossary for each paper
- terminology, concepts, examples or tutorials
- 5 weeks, commented outline due after 2 weeks
- each group has to submit one paper