LISTA TEMELOR PENTRU SPECIALIZAREA Design and Manufacturing in Automotive Engineering

		tema
1	**Prof.Dr.ing. GHEORGHE ŞTEFAN**	
1	Applications of spot welding in the manufacture of motor vehicles.	**DMA003**
2	Car part components manufacturing by investment casting .	**DMA004**
2	**Prof.Dr.ing. MARIN MIHNEA**	tema
1	Analiza ergonomica a activitatilor fizice la banda de montaj, specifice industriei auto	**DMA001**
3	**Conf.Dr.ing. CHERCIU MIRELA**	tema
1	The Automotive Core Quality Tools. Case study	**DMA002**
4	**Conf.Dr.ing. COPILUŞI PETRE CRISTIAN**	tema
1	Contextual Interaction between Driver and Vehicle	**DMA016**
2	Analiza cu elemente finite a reperului de tip biela din structura unui motor cu ardere interna / Connecting rod FEM analysis from an internal combustion engine	**DMA018**
5	**Conf.Dr.ing. GEONEA IONUŢ**	tema
1	Proiectarea si testarea prin simulare a unui sistem de alimentare cu combustibil, pentru un autovehicul/Design and testing by simulation of a fuel system for a motor vehicle.	**DMA017**
6	**Conf.Dr.ing. POPA DRAGOŞ**	tema
1	Virtual analysis for automotive components	**DMA009**
2	Analysis of the behavior of a dummy during a car crash	**DMA010**
3	Comparative analysis of the behavior of some automotive systems during a car crash	**DMA011**
4	The use of kinematic and dynamic analysis methods and techniques on some automotive systems	**DMA012**
5	Comparative analyzes of some car systems by applying computational fluid dynamics methods and techniques	**DMA013**
7	**Conf.Dr.ing. SIMNICEANU LORETA**	tema
1	Analiza aerodinamica si determinarea coeficientului de rezistenta a aerului pentru un autoturism de clasa medie.	**DMA014**
2	Controlul tractiunii la autoturismele din clasa SUV.	**DMA015**
8	**Conf.Dr.ing. TUTUNEA DRAGOŞ**	tema
1	New technologies in automotive production	**DMA005**
9	**Sl.Dr.ing. MARINESCU GABRIEL CĂTĂLIN**	tema
1	Regenerative suspension system for automotive application	**DMA006**
2	Vehicle diagnosis device using dynamic analysis	**DMA007**
3	3D printing technology - manufacturing techniques	**DMA008**

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Total: 18

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