

COST 526		"Automatic Process Optimization in Materials Technology" (APOMAT)																																				
Title of Proposal:		Forging Process Optimisation (<i>Updated – February 2003</i>)																																				
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Work Packages		Coworker Months	2001				2002												2003												2004							
			9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8
WP 1	Theoretical and numerical study of the adjoint-state method	3	1	1	1																																	
WP 2	Choice and implementation of the main objective functions	3				1	1	1																														
WP 3	Implementation of the adjoint state method	18																																				
WP 3.1	steady state processes	4				1	1	1	1																													
WP 3.2	non steady processes	4								1	1	1	1																									
WP 3.3	... with contact evolution	3												1	1	1																						
WP 3.4	... and remeshing	7															1	1	1	1	1	1	1															
WP 4	Optimisation parameters: choice, definition and implementation	18																																				
WP 4.1	process parameters	6															1	1	1	1	1	1																
WP 4.2	shape parameters	12																					1	1	1	1	1	1	1	1	1	1	1	1				
WP 5	Applications to actual forging processes	6																																				
	TOTAL	48																																				