Research Grants for PhD students from the China Scholarship Council		
Information Form (please read the guidelines carefully on the website www-csc.utt.fr)		
Supervisor's name : Hilaire Given names : Vincent		
Status (prof., assistant prof.,) : Full professor		
	CIAD	Website address :
Laboratory :		https://www.ciad-lab.fr/
Institution:	UTBM	Website address : www.utbm.fr
Scientific competence of the supervisor: Holonic Systems, Distributed Problem Solving, Simulation		
Two major publications in the field proposed for the PhD : [Lin et al, 2023] Yishuai LIN, Yunlong XU, Jiawei ZHU, et al. MLATSO: A method for task scheduling		
optimization in multi-load AGVs-based systems[J]. Robotics and Computer-Integrated Manufacturing, 2023, 79:  [Rodriguez et al, 2023] Sebastian Rodriguez, and Vincent Hilaire, A methodological approach for the analysis and design of Human-Swarm interactions based upon feedback loops, Expert Systems with Applications,  Website address of the personal page: https://www.ciad-lab.fr/vincent_hilaire/		
	visor's email : vincent.hilaire@utbm.fr of the research work proposed for a PhD	Topic # (see list) :  17, 18
Title : Holonic models for digital twins		
Subject:		
resulting mod	s to explore holonic modeling concepts to represer els will be simulated according to the methodology	
productive organizations, Simulations, holonic systems		
Expected collaborations :		
Dark		
Background required from the applicant : Computer science		
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Existence of a PDF file detailing the proposal ("yes" or "no") : yes  (see guidelines on the website www-csc.utt.fr)		