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*	This course offers a series of lectures given by experts in various pioneering fields of condensed matter physics. The lectures will cover introduction of each subfield, including the main motivation, scientific interest, major challenge, key puzzles, existing approaches, current status of the field, and recent discoveries. This course aims to better prepare students in Zhi-Yuan honor program for their international research experience, and to provide qualified students a global perspective on the						
	current research topics in	condense	d matter physics.				

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