

# Topics and lecturers

<b>Abr.</b>	<b>Topics</b>	<b>h</b>	<b>Name (Affil.)</b>
SM	Introduction to standard model	2	杨德山 (国科大)
QCD	Introduction to QCD	2	乔从丰 (国科大)
QCD RG	QCD Renormalization Group	1	吴兴刚 (重庆大学)
SUSY-TH	Introduction to SUSY Theory	2	孙铮 (四川大学)
SC	String Compactification	1	高昕 (四川大学)
DM	Dark matter and searches	2	王青 (清华大学)
Cos	Cosmology	2	龚云贵 (华中科技大学)
Coll	Collider physics	2	武雷 (南京师范大学)
CC	Cosmology and Collider	2	鲜于中之 (清华大学)
FLV	Flavor physics and CP violation	2	吕才典 (高能所)
VO	Neutrino oscillation and CP	2	热依木阿吉·亚克甫 (新疆大学)
LV	Lorentz Violation	2	马伯强 (北京大学)
LDM	Light dark matter	1	祝斌 (烟台大学)
Bs/c	BSM in $b \rightarrow s/c$	1	耿立升 (北京航空航天大学)
EFT	Effective Field theory	2	张宏浩 (中山大学)
2HDM	Two Higgs Doublet Model	2	王磊 (烟台大学)
SS	Student Session	4	学员
SUSY-Ph	Phenomenology of MSSM	2	曹俊杰 (河南师范大学)
SUSY-EX	Introduction to SUSY searches	2	庄霄爱 (高能所)
LG	Introduction to Leptogenesis	1	赵振华 (辽宁师范大学)
TBA???		1	吴岳良 (国科大&理论所)
MG	Madgraph	2	晏启树 (国科大)
SY	Symmetry Magazine		TBA

# Pre-SUSY School 2021 Program

A simplified schedule:

周	一 9/Aug	二 10/Aug	三 11/Aug	四 12/Aug	五 13/Aug
08:30-09:20	SM1	DM1	FLV1	EFT1	SUSY-Ph1
09:20-10:10	SM2	DM2	FLV2	EFT2	SUSY-Ph2
Break					
10:30-11:20	QCD1	Cos1	VO1	2HDM1	SUSY-EX1
11:20-12:10	QCD2	Cos2	VO2	2HDM2	SUSY-EX2
14:00-14:50	QCD RG	Coll1	LV1	SY(15min)	LG
				SS1	
14:50-15:40	SUSY-TH1	Coll2	LV2	SS2	TBA???
Break					
16:10-17:00	SUSY-TH2	CC1	LDM	SS3	MG1
17:00-17:50	SC	CC2	Bs/c	SS4	MG2

**Zoom Meeting ID: 5180529336**

**Password: susy2021**

# Pre-SUSY School 2021 Program

Monday August/09/2021

ZOOM Meeting ID: 5180529336 Password: susy2021

Time	Chair	Speakers	Topics
08:25-08:30	J.M. YANG 杨金民 (ITP)	C.F. QIAO (UCAS) 乔从丰 (国科大)	OPENNING REMARK 开幕式
08:30-09:20	J.M. YANG 杨金民 (ITP)	D.S. Yang (UCAS) 杨德山 (国科大)	Introduction to the standard model (1)
09:20-10:10	J.M. YANG 杨金民 (ITP)	D.S. Yang (UCAS) 杨德山 (国科大)	Introduction to the standard model (2)
10:10-10:30	Coffee Break (1)		
10:30-11:20	J.M. YANG 杨金民 (ITP)	C.F. Qiao (UCAS) 乔从丰 (国科大)	QuantumChromodynamics (1)
11:20-12:10	J.M. YANG 杨金民 (ITP)	C.F. Qiao (UCAS) 乔从丰 (国科大)	QuantumChromodynamics (2)
12:10-14:00	Lunch Break		
14:00-14:50	J.M. YANG 杨金民 (ITP)	X.G. Wu (CQU) 吴兴刚 (重庆大学)	QCD and Renormalization Group
14:50-15:40	J.M. YANG 杨金民 (ITP)	Z. Sun (SCU) 孙铮 (四川大学)	Introduction to SupersymmetryQuantum Field theory (1)
15:40-16:10	Coffee Break (1)		
16:10-17:00	J.M. YANG 杨金民 (ITP)	Z. Sun (SCU) 孙铮 (四川大学)	Introduction to SupersymmetryQuantum Field theory (2)

<b>17:00-17:50</b>	<b>J.M. YANG</b> 杨金民 (ITP)	<b>X. Gao (SCU)</b> 高昕 (四川大学)	<b>StringCompactification</b>
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# Pre-SUSY School 2021 Program

Tuesday August/10/2021

ZOOM Meeting ID: 5180529336 Password: susy2021

Time	Chair	Speakers	Topics
08:30-09:20	<b>Q.S. YAN</b> 晏启树 (UCAS)	<b>Q. Wang (THU)</b> 王青 (清华大学)	<b>DarkMatter (1)</b>
09:20-10:10	<b>Q.S. YAN</b> 晏启树 (UCAS)	<b>Q. Wang (THU)</b> 王青 (清华大学)	<b>Dark Matter (2)</b>
10:10-10:30	<b>Coffee Break (1)</b>		
10:30-11:20	<b>Q.S. YAN</b> 晏启树 (UCAS)	<b>Y.G. Gong (HZUST)</b> 龚云贵 (华中科技大学)	<b>Cosmolgoy (1)</b>
11:20-12:10	<b>Q.S. YAN</b> 晏启树 (UCAS)	<b>Y.G. Gong (HZUST)</b> 龚云贵 (华中科技大学)	<b>Cosmology (2)</b>
12:10-14:00	<b>Lunch Break</b>		
14:00-14:50	<b>Q.S. YAN</b> 晏启树 (UCAS)	<b>L. Wu (NJNU)</b> 武雷 (南京师范大学)	<b>Collider Physics (1)</b>
14:50-15:40	<b>Q.S. YAN</b> 晏启树 (UCAS)	<b>L. Wu (NJNU)</b> 武雷 (南京师范大学)	<b>Collider Physics (2)</b>
15:40-16:10	<b>Coffee Break (1)</b>		
16:10-17:00	<b>Q.S. YAN</b> 晏启树 (UCAS)	<b>Z.Z. Xianyu (THU)</b> 鲜于中之 (清华大学)	<b>Cosmological Collider (1)</b>
17:00-17:50	<b>Q.S. YAN</b> 晏启树 (UCAS)	<b>Z.Z. Xianyu (THU)</b> 鲜于中之 (清华大学)	<b>Cosmological Collider (2)</b>

# Pre-SUSY School 2021 Program

Wednesday August/11/2021

ZOOM Meeting ID: 5180529336 Password: susy2021

Time	Chair	Speakers	Topics
08:30-09:20	Y. GAO 高宇 (IHEP)	C.D. Lv (IHEP) 吕才典 (高能所)	Flavor Physics and CP violation (1)
09:20-10:10	Y. GAO 高宇 (IHEP)	C.D. Lv (IHEP) 吕才典 (高能所)	Flavor Physics and CP violation (2)
10:10-10:30	Coffee Break (1)		
10:30-11:20	Y. GAO 高宇 (IHEP)	Y. Reyimuaji (XJU) 热依木阿吉·亚克甫 (新疆大学)	Neutrino Oscillation and CP (1)
11:20-12:10	Y. GAO 高宇 (IHEP)	Y. Reyimuaji (XJU) 热依木阿吉·亚克甫 (新疆大学)	Neutrino Oscillation and CP (2)
12:10-14:00	Lunch Break		
14:00-14:50	Y. GAO 高宇 (IHEP)	B.Q. Ma (PKU) 马伯强 (北京大学)	Lorentz Violation (1)
14:50-15:40	Y. GAO 高宇 (IHEP)	B.Q. Ma (PKU) 马伯强 (北京大学)	Lorentz Violation (2)
15:40-16:10	Coffee Break (1)		
16:10-17:00	Y. GAO 高宇 (IHEP)	B. Zhu (YTU) 祝斌 (烟台大学)	Light dark matter candidates
17:00-17:50	Y. GAO 高宇 (IHEP)	L.S. Geng (BHU) 耿立升 (北京航空航天大学)	BSM in $b \rightarrow s/c$ Processes

# Pre-SUSY School 2021 Program

Thursday August/12/2021

ZOOM Meeting ID: 5180529336 Password: susy2021

Time	Chair	Speakers	Topics
08:30-09:20	C. LIU 刘纯 (ITP)	H.H. Zhang (SYU) 张宏浩 (中山大学)	Effective Field Theory (1)
09:20-10:10	C. LIU 刘纯 (ITP)	H.H. Zhang (SYU) 张宏浩 (中山大学)	Effective Field Theory (2)
10:10-10:30	Coffee Break (1)		
10:30-11:20	C. LIU 刘纯 (ITP)	L. Wang (YTU) 王磊 (烟台大学)	Two Higgs Doublet Model (1)
11:20-12:10	C. LIU 刘纯 (ITP)	L. Wang (YTU) 王磊 (烟台大学)	Two Higgs Doublet Model (2)
12:10-14:00	Lunch Break		
14:00-14:15	C. LIU 刘纯 (ITP)	TBA	Introduction to <i>Symmetry Magazine</i>
14:15-14:50	C. LIU 刘纯 (ITP)		
14:50-15:40	C. LIU 刘纯 (ITP)		
15:40-16:10	Coffee Break (1)		
16:10-17:00	C. LIU 刘纯 (ITP)		
17:00-17:50	C. LIU 刘纯 (ITP)		

# Pre-SUSY School 2021 Program

Friday August/13/2021

ZOOM Meeting ID: 5180529336 Password: susy2021

Time	Chair	Speakers	Topics
08:30-09:20	Z. SUN 孙铮 (SCU)	J.J. Cao (HNNU) 曹俊杰 (河南师范大学)	Phenomenology of SUSY models (1)
09:20-10:10	Z. SUN 孙铮 (SCU)	J.J. Cao (HNNU) 曹俊杰 (河南师范大学)	Phenomenology of SUSY models (2)
10:10-10:30	Coffee Break (1)		
10:30-11:20	Z. SUN 孙铮 (SCU)	X.A. Zhuang (IHEP) 庄胥爱 (高能所)	SUSY and Exotics searches at the LHC (1)
11:20-12:10	Z. SUN 孙铮 (SCU)	X.A. Zhuang (IHEP) 庄胥爱 (高能所)	SUSY and Exotics searches at the LHC (2)
12:10-14:00	Lunch Break		
14:00-14:50	C.F. QIAO 乔从丰 (UCAS)	Z. H. Zhao (LNU) 赵振华 (辽宁师范大学)	Introduction to Leptogenesis
14:50-15:40	C.F. QIAO 乔从丰 (UCAS)	Y.L. Wu (UCAS&ITP) 吴岳良 (国科大&理论所)	TBA??
15:40-16:10	Coffee Break (1)		
16:10-17:00	Z. SUN 孙铮 (SCU)	Q.S. Yan (UCAS) 晏启树 (国科大)	Madgraph (1)
17:00-17:50	Z. SUN 孙铮 (SCU)	Q.S. Yan (UCAS) 晏启树 (国科大)	Madgraph (2)