

## Session 8: CP violation, Rare decays, CKM

### Session conveners:

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Neville Harnew (Oxford)  
Vladimir Kekelidze (JINR)  
Andrey Goloutvin (ITEP)  
Owen Long (U.C. Riverside)

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### Main Hall

**Thursday, July 27, 2006**

### Session I

**10:00 – 11:30**

Chair: **Vladimir Kekelidze**  
Secretaries: **Renat Sadykov**  
**Dmitry Bogachev**

<b>10:00 – 10:18</b>	“Recent Kloe results”	<b>T. Spadaro</b> (INFN, Frascati)
<b>10:18 – 10:36</b>	“Recent results from ISTR+ experiment”	<b>V. Duk</b> (INR RAS)
<b>10:36 – 10:48</b>	“Search for CPV in $K^\pm$ decays, NA48/2”	<b>S. Balev</b> (JINR)
<b>10:48 – 11:00</b>	“Results from KTeV experiment”	<b>A. Ledovskoy</b> (Virginia Un)
<b>11:00 – 11:12</b>	“Vus from hadron tau decays”	<b>J. Prades</b> (UdeGranada)
<b>11:12 – 11:30</b>	“Vus measurement and CKM unitarity”	<b>M. Antonelli</b> (INFN, Frascati)

### Session II

**12:00 – 13:30**

Chair: **Vladimir Kekelidze**  
Secretaries: **Renat Sadykov**  
**Dmitry Bogachev**

<b>12:00 – 12:12</b>	“Search for $K_L \rightarrow \pi^0 \nu \bar{\nu}$ , E391”	<b>M. Doroshenko</b> (JINR)
<b>12:12 – 12:30</b>	“Future of kaon experiments”	<b>A. Ceccucci</b> (CERN)
<b>12:30 – 12:48</b>	“Search for D mixing with the Babar experiment”	<b>M. Wilson</b> (UCSC)
<b>12:48 – 13:00</b>	“D0 mixing at Belle”	<b>M. Staric</b> (Ljubljana)
<b>13:00 – 13:18</b>	“ $D \rightarrow K\pi$ , Cabibbo-allowed and Cabibbo-doubly-suppressed”	<b>S. Blusk</b> (Syracuse)
<b>13:18 – 13:30</b>	“Search for new physics in rare D decays”	<b>S. Fajfer</b> (Ljubljana)

**Blue Hall****Friday, July 28, 2006****Session III****09:00 – 11:00**

Chair: **Owen Long**  
 Secretaries: **Renat Sadykov**  
**Dmitry Bogachev**

<b>09:00 – 09:18</b>	“phi1 measurements with tree-level processes at Belle”	<b>O. Tajima</b> (KEK)
<b>09:18 – 09:30</b>	“Measurements of CP violation in B→ charm decays at Babar”	<b>K. George</b> (Liverpool)
<b>09:30 – 09:48</b>	“phi 1 measurements with penguin decays at Belle”	<b>K. Hara</b> (Nagoya)
<b>09:48 – 10:06</b>	“Measurements of the CP angle beta in charmless B decays with the Babar experiment”	<b>A. Lazzaro</b> (INFN Milano)
<b>10:06 – 10:30</b>	“Measurements of the CP angle alpha with the Babar experiment”	<b>A. V. Telnov</b> (Princeton)
<b>10:30 – 10:48</b>	“phi 2 and related measurements with Belle”	<b>H. Ishino</b> (Tokyo Inst. of Tech.)
<b>10:48 – 11:00</b>	“D0 results on CP phase”	<b>G. Borissov</b> (Lancaster)

**Session IV****11:30 – 13:00**

Chair: **Owen Long**  
 Secretaries: **Renat Sadykov**  
**Dmitry Bogachev**

<b>11:30 – 11:54</b>	“phi3 and sin(2phi1+phi3) measurements at Belle”	<b>P. Krokovny</b> (KEK)
<b>11:54 – 12:12</b>	“Measurements of the CP angle gamma with the Babar experiment”	<b>G. Marchiori</b> (INFN Pisa)
<b>12:12 – 12:24</b>	“Measurements of charmless hadronic branching fractions at Babar”	<b>E. Di Marco</b> (INFN Rome)
<b>12:24 – 12:36</b>	“Measurements of charmless hadronic branching fractions at Belle”	<b>Y. Unno</b> (KEK)
<b>12:36 – 12:48</b>	“Rare Bd and Bs decays at CDF”	<b>S. Farrington</b> (Liverpool)
<b>12:48 – 13:00</b>	“D0 results on rare decays”	<b>M. Strauss</b> (Oklahoma)

**Session V****14:30 – 16:00**

Chair: **Andrey Goloutvin**  
 Secretaries: **Renat Sadykov**  
**Dmitry Bogachev**

<b>14:30 – 14:42</b>	“B physics prospects for the Atlas experiment”	<b>S. Sivoklokov</b> (Moscow)
<b>14:42 – 14:54</b>	“CMS discovery potential for $B_s \rightarrow \mu \mu$ ”	<b>U. Langenegger</b> (ETH, Zurich)
<b>14:54 – 15:18</b>	“Search for leptonic B decays with the Babar experiment”	<b>S. Sekula</b> (MIT)
<b>15:18 – 15:36</b>	“Rare B decays with missing energy at Belle”	<b>T. Browder</b> (Hawaii)
<b>15:36 – 15:48</b>	“ $B \rightarrow K^* \ell \ell$ in soft-collinear effective theory”	<b>A. Ali</b> (DESY)
<b>15:48 – 16:00</b>	“Taming the $B\bar{B}$ mixing amplitude in the Standard Model and beyond”	<b>D. Becirevic</b> (Orsay, LPT)

**Session VI****16:30 – 18:30**

Chair: **Neville Harnew**  
 Secretaries: **Renat Sadykov**  
**Dmitry Bogachev**

<b>16:30 – 16:42</b>	“Vector-vector $B_d$ and $B_s$ decays at CDF”	<b>P. Bussey</b> (Un. of Glasgow)
<b>16:42 – 16:54</b>	“Study of exclusive radiative and electroweak penguin decays with the Babar experiment”	<b>D. Kovalskiy</b> (UCSB)
<b>16:54 – 17:12</b>	“ $B_s$ mixing at CDF”	<b>S. Giagu</b> (U. of Rome)
<b>17:12 – 17:30</b>	“ $B_s$ oscillations at $D_0$ ”	<b>T. Moulik</b> (Kansas)
<b>17:30 – 17:48</b>	“B-Physics and CP violation: constraints on the CKM matrix”	<b>S. T’Jampens</b> (LAPP)
<b>17:48 – 18:06</b>	“Status of the unitarity triangle in the Standard Model”	<b>V. Vagnoni</b> (INFN)
<b>18:06 – 18:18</b>	Mixing and CP-Violation in the Littlest Higgs Model with T-Parity	<b>C. Tarantino</b> (Muenchen)
<b>18:18 – 18:36</b>	“b physics prospects of the LHCb experiment”	<b>T. Ruf</b> (CERN)
<b>18:36 – 18:54</b>	“Neutron decay, Standard Model and Cosmology”	<b>A. Serebrov</b> (PNPI, RAS)