

# Algebraic Geometry and Number Theory

## Schedule

### WEEK 1

	Monday 02/06/14	Tuesday 03/06/14	Wednesday 04/06/14	Thursday 05/06/14	Friday 06/06/14	Saturday 07/06/14
10:00 – 10:50	<b>Rahim Zaare Nahandi</b> Introduction to Computational Commutative Algebra	<b>Sinan Ünver</b> Arithmetic Schemes and Arakelov Theory	<b>Loring Tu</b> Sheaf Cohomology	<b>Olivier Debarre</b> Geometry of subvarieties	<b>Christophe Soulé - Damian Rossler</b> Arakelov theory	<b>Sabir M. Gusein-Zade</b> Singular points of complex hypersurface
11:00 – 11:50	<b>Loring Tu</b> Sheaf Cohomology	<b>Loring Tu</b> Sheaf Cohomology	<b>Sinan Ünver</b> Arithmetic Schemes and Arakelov Theory	<b>Christophe Soulé - Damian Rossler</b> Arakelov theory	<b>Olivier Debarre</b> Geometry of subvarieties	<b>Loring Tu</b> Sheaf Cohomology
	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
13:30 – 14:20	<b>Sinan Ünver</b> Arithmetic Schemes and Arakelov Theory	<b>Rahim Zaare Nahandi</b> Introduction to Computational Commutative Algebra	<b>Rahim Zaare Nahandi</b> Introduction to Computational Commutative Algebra	<b>Sabir M. Gusein-Zade</b> Singular points of complex hypersurface	<b>İzzet Coşkun</b> Birational Geometry of Moduli Spaces	<b>Sabir M. Gusein-Zade</b> Singular points of complex hypersurface
14:30 – 15:20	<b>Rahim Zaare Nahandi</b> Introduction to Computational Commutative Algebra	<b>Kazım Büyükboduk</b> Arithmetic Schemes and Arakelov Theory	<b>Kazım Büyükboduk</b> Arithmetic Schemes and Arakelov Theory	<b>İzzet Coşkun</b> Birational Geometry of Moduli Spaces	<b>Sabir M. Gusein-Zade</b> Singular points of complex hypersurface	<b>Olivier Debarre</b> Geometry of subvarieties
15:30 – 17:00	<b>Afternoon Sessions</b>	<b>Afternoon Sessions</b>	<b>TBA</b>	<b>Afternoon Sessions</b>	<b>Afternoon Sessions</b>	<b>TBA</b>

## WEEK 2

	Monday 09/06/14	Tuesday 10/06/14	Wednesday 11/06/14	Thursday 12/06/14	Friday 13/06/14	Saturday 14/06/14
10:00 – 10:50	<b>Chris Peters</b> Motivic Aspects of Hodge Theory	<b>Chris Peters</b> Motivic Aspects of Hodge Theory	Conference	Conference	Conference	Conference
11:00 – 11:50	<b>Olivier Debarre</b> Geometry of subvarieties	<b>TBA</b>	Conference	Conference	Conference	Conference
	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
13:30 – 14:20	<b>Christophe Soulé - Damian Rossler</b> Arakelov theory	<b>Afternoon Sessions</b>	Conference	Conference	Conference	Conference
14:30 – 15:20	<b>TBA</b>	<b>Chris Peters</b> Motivic Aspects of Hodge Theory	Conference	Conference	Conference	<b>TBA</b>
15:30 – 17:00	<b>Afternoon Sessions – 16h00 – 17h00 TUBITAK</b>	<b>Afternoon Sessions</b>	<b>TBA</b>	Conference	Conference	<b>TBA</b>