

# **SWAN: South West Algebra Network**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Yoga, Meditation and Tea

*Thursday, June 27, 2019 8:00 AM (1h 30m)*

Contribution ID: 2

Type: **not specified**

## Yoga, Meditation and Tea

*Friday, June 28, 2019 8:00 AM (1h 30m)*

Contribution ID: 3

Type: **not specified**

## Ghislain Fourier: The framework of linear degenerate flag varieties

*Thursday, June 27, 2019 9:45 AM (1h 30m)*

I'll recall flag varieties and Schubert varieties, and building on that linear degenerations of these varieties. We will briefly discuss PBW and toric degenerations along the way. This first part is mainly along important examples and is meant to be an introduction for Master and PhD-students. The second part is dedicated to discussions on recent developments and open questions, with combinatorial, geometrical and/or representation theoretical flavor.

Contribution ID: 4

Type: **not specified**

## Contributed talks

*Thursday, June 27, 2019 11:30 AM (1h 30m)*

Contribution ID: 5

Type: **not specified**

## Lunch

*Thursday, June 27, 2019 1:00 PM (1 hour)*

Contribution ID: 6

Type: **not specified**

## Time for collaboration

*Thursday, June 27, 2019 2:00 PM (1h 30m)*

Fruits and healthy snacks as well as beverages including tea and coffee will be provided.

Contribution ID: 7

Type: **not specified**

## Daniel Tubbenhauer

*Thursday, June 27, 2019 3:45 PM (1h 30m)*



Contribution ID: 8

Type: **not specified**

## **Peter Fiebig: Arithmetic properties of affine moment graphs**

*Friday, June 28, 2019 9:45 AM (1h 30m)*

Affine moment graphs exhibit remarkable arithmetic properties. In the talk I will give some examples of this, and I will show how affine moment graphs are connected to the problem of determining Weyl module multiplicities for tilting modules of reductive algebraic groups.

Contribution ID: 9

Type: **not specified**

## Contributed talks/ Time for collaboration

*Friday, June 28, 2019 11:30 AM (1h 30m)*

Fruits and healthy snacks as well as beverages including tea and coffee will be provided.

Contribution ID: **10**

Type: **not specified**

## Lunch

*Friday, June 28, 2019 1:00 PM (1 hour)*

Contribution ID: **11**

Type: **not specified**

## Contributed talks

*Friday, June 28, 2019 2:00 PM (1h 30m)*