

# Program of the third GAP Days, September 14–18, 2015

Version from September 13, 2015 at 12:24

Talks and coding sprint are at [Department of Mathematical Sciences, NTNU](#) in room [G144](#).

## Monday, September 14

- 09:00 Welcoming session
- 09:15 Introduction to GAP 1 (Horn)
- 10:30 Introduction to QPA 1 (Skartsæterhagen/Solberg)
- 11:45 Introduction to homalg/CAP 1 (Barakat/Gutsche/Posur)
- 13:00 Lunch
- 15:00 Introduction to GAP 2 (Horn)
- 16:30 Exercise and discussion session

## Tuesday, September 15

- 09:15 Introduction to GAP 3 (Horn)
- 10:30 Quivers and relations of group algebras of finite groups (Lux)
- 11:45 Introduction to QPA 2 (Skartsæterhagen/Solberg)
- 13:00 Lunch
- 15:00 Exercise and discussion session

## Wednesday, September 16

- 09:15 Introduction to GAP 4 (Horn)
- 10:30 Introduction to QPA 3 (Skartsæterhagen/Solberg)
- 11:45 Introduction to homalg/CAP 2 (Barakat/Gutsche/Posur)
- 13:00 Lunch
- 14:00 Exercise and discussion session
- 15:30 Approximate time for an excursion to [Elgsethytta](#)

## Thursday, September 17

- 09:15 Introduction to HPC-GAP 1 (Pfeiffer)
- 10:30 Introduction to QPA 4 (Skartsæterhagen/Solberg)
- 11:45 Introduction to homalg/CAP 3 (Barakat/Gutsche/Posur)
- 13:00 Lunch
- 15:00 Exercise and discussion session

## Friday, September 18

- 09:15 Introduction to HPC-GAP 2 (Pfeiffer)
- 10:30 Introduction to homalg/CAP 4 (Barakat/Gutsche/Posur)
- 11:30 Lunch (room 1329)
- 12:15 “Mathematical pearls” seminar with cake (room 1329)  
<http://www.math.ntnu.no/seminarer/perler/>
- 13:15 TBA
- 15:00 Exercise and discussion session
- 18:00 End of school