

# 1st Announcement & Call for Abstracts

25 - 27 May 2020

15th International Symposium on Variants in the Genome

## VARIANT DETECTION 2020

Piran, Slovenia

VARIANT DETECTION . SEQUENCING . INTERPRETATION & MORE

The meeting aims to present the latest developments in the field, the best methodologies for scanning, sequencing, databasing, bioinformatic analysis, and classification of variants in DNA, RNA and protein.

We invite you to submit your abstracts as soon as possible, and encourage you to travel to picturesque Piran, on the Adriatic coast of Slovenia to learn and participate at this dynamic meeting.

Further details may be found on the website.

### Scientific Program Committee

Johan T. den Dunnen (Netherlands) Chair  
Ales Maver (Slovenia) Local Org.  
Reece Hart (USA)  
Andreas Laner (Germany)

**Sequencing Technologies**  
**Variant Interpretation in Practice**  
**Applications**  
**Large Projects**  
**Software/Databases/**  
**Bioinformatics**  
**& more...**

### KEY DATES

**Registration**

Registration Opens August 2019

**Abstract Closing Date**

31st January 2020

[isv.variome.org](http://isv.variome.org)

## TOPICS

### SEQUENCING TECHNOLOGIES

- Single Cell Sequencing / Technologies
- Single molecule sequencing
- Long- read sequencing
- Long-read RNA sequencing
- Emerging or novel technologies for variant detection
- Non-SNV type of variants

### VARIANT INTERPRETATION IN PRACTICE

- Update on ClinGen
- Recommendations to the ACMG-AMP system

### LARGE PROJECTS

- 10,000 animals project
- Genomics England
- All of Us

### APPLICATIONS

- Rethinking population screening & Testing Guidelines
- Cancers: Colorectal & BRCA
- Editing (CRISPR/CAS9)
- Epigenetics
- Metagenomics

### SOFTWARE/DATABASES/BIOINFORMATICS

- High-throughput clinical systems
- ClinGen interpretation system
- Artificial intelligence in data systems related to genomics
- Ensembl
- In-house vs commercial interpretation software
- Block-chain (or other secure systems) technology for genomic/patient data storage
- Variants and electronic medical records
- Big data/databases/Cloud Genomics
- Impact of FDA recognition of selected variant databases

### OTHER...

- Frontiers of direct to consumer testing
- & more...

## LOCATION

### VENUE

Grand Hotel Saint Bernardin Conference Centre & Resort. Piran, Adriatic Coast, Slovenia. Within walking distance of picturesque Piran.

### ACCOMMODATION

We have arranged rooms attached to the conference centre. There are also many other options nearby.

- Hotel Histron (4\*)
- Hotel Vile (3\*)

### PIRAN

Piran is a favourite town on Slovenian seaside and there is no doubt why! A perfect mix of culture and nature, delicious cuisine and magical atmosphere.

**Why not combine professional development with the added benefits of this picturesque location and attend Variant Detection 2020!**

### TRAVEL BY AIR

The closest airport is Trieste airport (Italy) and is situated 79 km from the venue. There are cheap scheduled flights to Trieste from many European cities. To reach Piran shuttles from Trieste airport may be arranged.

### TRAVEL BY ROAD

Ljubljana, Slovenia, 121 Km, 1hr 28 min  
Klagenfurt, Austria, 203 Km, 2rs 30 mins  
Zagreb, Croatia, 257 Km, 3hrs  
Bologna, Italy, 343 Km, 3hrs 41 min  
Milan, Italy, 466 Km, 4hr 21 min

### WHO SHOULD ATTEND?

- Molecular geneticists
- Clinical geneticists
- Genetics researchers
- Molecular diagnostics labs
- Data analysts
- Medical specialists with interests in genomics
- anyone interpreting DNA variants on a regular basis

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