

**Session Program**

**20-22 Mar 2017**

**3rd PACMAN workshop**

***High-precision Engineering***

CERN, 6/2-024 - BE Auditorium Meyrin

## Tuesday 21 March

08:30

### High-precision Engineering

**Session** | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin

08:30-08:55

#### Nano-positioning of the main Linac quadrupoles

##### Speaker

Mr David Tshilumba

08:55-09:20

#### Mechatronic Design Principles applied to a DC Monochromator to reach 10 nrad Crystal to Crystal Stability.

##### Speaker

Dr Theo Ruijl

09:20-09:45

#### A 6DOF microvibration isolation, measurement and generation facility

##### Speaker

Mr Charlie Jarvis

09:45-10:10

#### Determining alignment measurements uncertainties for large assemblies using stochastic analysis techniques

##### Speaker

Mr Iordan Doytchinov

10:10-10:40

#### Coffee break

10:40-11:05

#### Active isolation of an extended structure using a high-resolution optical inertial sensor

##### Speaker

Mrs Jennifer Watchi

11:05-11:30

#### What is the best displacement transducer for a seismic sensor?

##### Speaker

Mr Peter Novotny

11:30-11:55

#### 2D and 3D sensing for mobile robots

##### Speaker

Dr Max Ruffo

11:55-12:20

#### Modal parameters of surfaces for numeric models

##### Speaker

Prof. Serge Samper

12:20