

# COATINGS

## Training course

**09 – 13 July**

**Location:** ELI-ALPS, Szeged, Hungary  
H-6728 Szeged, Budapesti út 5.

**Contact:** [it-elli@eli-alps.hu](mailto:it-elli@eli-alps.hu)

### Programme:

#### 09 July (Mon)

08:00-08:45	Registration
08:45-09:00	Opening remarks (K. Osvay)
09:00-10:30	<b>Optical thin film coating techniques</b> (G. Meszaros)
10:30-11:00	Coffee break
11:00-12:30	<b>Interferometry</b> (A. P. Kovacs)
12:30-14:30	Lunch break
14:30-16:00	<b>Spectroscopic ellipsometry</b> (J. Budai)
16:00-16:30	Coffee break
16:30-17:30	Site visit

#### 10 July (Tue)

9:00-10:30	<b>Laser sources</b> (A. Borzsonyi)
10:30-11:00	Coffee break
11:00-12:30	<b>Attosources</b> (S. Kühn)
12:30-14:30	Lunch
14:30-16:00	<b>Particle and THz sources</b> (C. Kamperidis)
16:00-16:15	Coffee break
16:15-17:30	<b>Laser Targets</b> (Cs. Vass)

## 11 July (Wed)

9:00-10:30	<b>Substrate processing</b> (G. Meszaros)
10:30-11:00	Coffee break
11:00-12:30	<b>Characterisation – Design – Reverse Engineering of thin film multilayers, demonstration using OptiLayer® software</b> (V. Hanyecz)
12:30-14:30	Lunch break
14:30-17:30	<b>Hands-on practice: substrate processing, thin film deposition</b> (@workshops)

## 12 July (Thu)

08:00-10:00	<b>Lab work in crop rotation</b>
10:00-12:00	<b>Lab work in crop rotation</b>
12:00-14:00	Lunch break
14:00-16:00	<b>Lab work in crop rotation</b>
16:00-18:00	<b>Lab work in crop rotation</b>

## 13 July (Fri)

08:00-10:00	<b>Lab work in crop rotation</b>
10:00-12:00	<b>Lab work in crop rotation</b>
12:00-14:00	Lunch break
14:00-16:00	<b>Lab work in crop rotation</b>
16:00-18:00	<b>Lab work in crop rotation</b>
18:00-18:15	Closing remarks

4 laboratory practice, 02:00 hours each,

1. Spectrophotometry (K. Csonti)
2. White light interferometry (A. P. Kovacs)
3. Spectroscopic ellipsometry (J. Budai)
4. Laser interferometry (V. Hanyecz)