Annual Report 2012

Actual members (as of Feb 1st, 2013):

Names
Daniel Dorigo
Andre Heßke
Michael Meissner
Patrik Murr
Florian Penzel
Max Rößner
Michael Schardt
Wolfgang Wieser
2 Officers:

The Election of the SPIE Student Chapter Munich was held on October 17\textsuperscript{th} 2012. 6 members were present and eligible to vote. The elected officers are:

\begin{itemize}
  \item \textit{President:} Max Rößner
  \item \textit{Vice president:} Patrik Murr
  \item \textit{Secretary:} Andre Heßke
  \item \textit{Treasurer:} Florian Penzel
\end{itemize}

List of attendants who were present at the vote:

<table>
<thead>
<tr>
<th>Names</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas Bodendorfer (guest, not voting)</td>
</tr>
<tr>
<td>Daniel Dorigo</td>
</tr>
<tr>
<td>Andre Heßke</td>
</tr>
<tr>
<td>Patrik Murr</td>
</tr>
<tr>
<td>Florian Penzel</td>
</tr>
<tr>
<td>Max Rößner</td>
</tr>
<tr>
<td>Benjamin Wiesent</td>
</tr>
</tbody>
</table>

3 Chapter activities during reported year:

- Three days trip to Schliersbergalm Conference Center for scientific knowledge exchange and group forming (in the framework of the summer seminar of the Measurement Systems and Sensor Technology Institute of Technische Universität München).
- Co-organization of the ISCP conference 2012 (International Student Conference on Photonics) in Bran, Romania. Conference organized by the SPIE Student Chapter at the National Institute for Laser Plasma and Radiation Physics.
- Attendance of Mr. Andre Heßke, Benjamin Wiesent and Daniel Dorigo to the ISCP conference 2012 in Bran, Romania.
- Organisational support to the SPIE organizers of the Student Leadership Workshop taking place in 2013 at Munich.
- Several Publications from Student Chapter Members on SPIE conferences, including:
  \begin{itemize}
    \item Bodendorfer et al.: “Applications of spatial light modulators in speckle interferometry”, International Conference on Speckle Metrology
    \item Dorigo et al.: “Fluorescence spectroscopy: a promising tool for gear oil condition monitoring”, SPIE Photonics Europe
    \item Wiesent et al.: “Miniaturized MID-IR Spectrometer for Online and On-site Condition Monitoring of Stationary Biogas Engines”, ISCP 2012
    \item Dorigo et al.: “Classification of Gear-Oil Raman Spectra by Support Vector Machine”, ISCP 2012
    \item Heßke et al.: “Transversal strain-induced Birefringence Effects on Fiber-Bragg-Gratings”, ISCP 2012
  \end{itemize}
4 Planned activities for future:

- Chapter day trip to “Sensor + Test 2013” Trade Fair in Nürnberg, Germany.
- Annual meeting at Schliersbergalm Conference Center for scientific knowledge exchange and group forming.
- Attendance to SPIE Optical Metrology in Munich, Germany. Support to the SPIE organizers of the Student Leadership Workshop taking place in the framework of this conference.
- Invitation of visiting lecturers for scientific exchange.
- Usage of the SPIE student chapter grants.

5 Financial:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning balance</td>
<td>0 USD</td>
</tr>
<tr>
<td>Funds raised and expended</td>
<td>0 USD</td>
</tr>
<tr>
<td>Other sources</td>
<td>0 USD</td>
</tr>
<tr>
<td>Ending balance</td>
<td>0 USD</td>
</tr>
</tbody>
</table>