## COMET: K1-Centre

### ACMIT
Austrian Center for Medical Innovation and Technology

<table>
<thead>
<tr>
<th>Main location</th>
<th>Wiener Neustadt, Lower Austria</th>
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<tbody>
<tr>
<td>Other locations</td>
<td>n.a.</td>
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<tr>
<td>Research programme</td>
<td>Medical technology with focus on minimally invasive interventions</td>
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</tbody>
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#### Planned realisation and outcomes
- multi-functional, mechatronic or computer-controlled surgical instruments
- medical robots with focus on needle-based methods
- sensors for tissue properties
- micro-optics for implants, instruments and individualised test systems
- integration of new technologies into clinical workflow and training concepts for medical staff

### History of establishment

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>2005</td>
<td>Foundation of Integrated Microsystems Austria GmbH in Wiener Neustadt</td>
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<tr>
<td>2005-2009</td>
<td>Industrial competence center K-ind for microsystems technology</td>
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<tr>
<td>04/2010</td>
<td>Start of K1-COMET competence center ACMIT</td>
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#### Selected company partners (max. 5)
1. Croma Pharma GmbH
2. Lohmann & Rauscher GmbH
3. iSYS Medizintechnik GmbH
4. NÖ Landeskliniken-Holding
5. W&H Dentalwerke Bürmoos GmbH

#### Selected scientific partners (max. 5)
1. Medical University Vienna
2. Medical University Innsbruck
3. Vienna University of Technology
4. Johannes Kepler University Linz
5. BioMed-zet Linz

#### Selected international partners (1 max. 10)
1. ERBE Elektromedizin GmbH (DE)
2. Karl Storz GmbH & Co.KG (DE)
3. Philips Research B.V. (NL)
4. Children's National Medical Center (US)
5. Nucletron B.V. (NL)
6. Research and Transfer Center FTKW Leipzig (DE)
7. Delft University of Technology (NL)
8. Johns Hopkins University (US)
9. Institute of Forensic Medicine, University Zürich (CH)
10. Queens University (CA)

### Duration of the K1-Centre
04/2010 – 03/2017 (7 years)

### Staff employed at the centre
35 FTE (thereof 30.5 scientists)

### Total costs
- 1st Funding period: EUR 17.7 Mio (4 years)
- 2nd Funding period: EUR 12.8 Mio (3 years)

### Management of the Centre
Dipl.Ing. Nikolaus Dellantoni, CEO
Dipl.Ing. Dr. Gernot Kronreif, CSO

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1 Company- and scientific partners with headquarters outside Austria