The Research Grants Council (RGC) of HKSAR will soon invite applications for the "Hong Kong PhD Fellowship Scheme" 2022-2023. Students from worldwide will be recruited to pursue their PhD studies in Hong Kong. The Scheme will support students selected through open competition.

In addition to the monthly stipend of HK$26,900 (i.e. approximately US$3,450) and a travel allowance of HK$13,500 (i.e. approximately US$1,730) per year for a maximum of three years awarded by the RGC*, each awardee of The Hong Kong Polytechnic University will also enjoy a 3-year tuition scholarship.

We invite you to apply for the Scheme and to join

Department of Industrial and Systems Engineering,
The Hong Kong Polytechnic University.

*Please visit the RGC website https://cerg1.ugc.edu.hk/hkpf/index.html for updates
About The Hong Kong Polytechnic University (PolyU)

PolyU is a government-funded university in the Hong Kong Special Administrative Region of the People’s Republic of China. We have the largest number of students among the eight government-funded institutions in Hong Kong, and have a long and proud history of providing internationally competitive and professionally oriented education. We conduct world-class research in a large number of areas and our research emphasises high application value. PolyU has been ranked 66th in the "QS World University Rankings 2022" and 25th in the "QS Asia University Rankings 2021".

About the Department of Industrial and Systems Engineering (ISE)

The Department of Industrial and Systems Engineering was founded in 1950's. We are a dynamic and multi-disciplinary Department very strong in applied research. Over the years, the profile of the Department has broadened its scope, and now covers both the industrial and the service sectors.

We have a critical mass of academic staff members who are world-class researchers in the strategic research areas of the Department, and with the research activities supported by state-of-the-art research facilities and centres. These include the State Key Laboratory of Ultra-precision Machining Technology, the Advanced Manufacturing Technology Research Centre, the Knowledge Management and Innovation Research Centre, the Micro/Nano Fabrication Laboratory, the Ng Tat Lun Digital Factory, and Integrated Product Design Laboratory.

(Please visit our website: https://www.polyu.edu.hk/ise/)

The Department offers PhD research degree programmes in various areas, as in the list below. You are most welcome to approach the corresponding staff member for academic advice.

Advanced Materials Processing Technologies

<table>
<thead>
<tr>
<th>Laser materials processing and 3D printing</th>
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<tbody>
<tr>
<td>Prof. H.C. Man</td>
<td>(tel: 2766 6629; email: <a href="mailto:hc.man@polyu.edu.hk">hc.man@polyu.edu.hk</a>)</td>
</tr>
<tr>
<td>Prof. K.C. Chan</td>
<td>(tel: 2766 4981; email: <a href="mailto:kc.chan@polyu.edu.hk">kc.chan@polyu.edu.hk</a>)</td>
</tr>
<tr>
<td>Dr X.S. Yang</td>
<td>(tel: 2766 6604; email: <a href="mailto:xusheng.yang@polyu.edu.hk">xusheng.yang@polyu.edu.hk</a>)</td>
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</tr>
<tr>
<td>Prof. C.Y. Tang</td>
<td>(tel: 2766 6608; email: <a href="mailto:cy.tang@polyu.edu.hk">cy.tang@polyu.edu.hk</a>)</td>
</tr>
<tr>
<td>Dr Gary Tsui</td>
<td>(tel: 3400 3254; email: <a href="mailto:gary.c.p.tsui@polyu.edu.hk">gary.c.p.tsui@polyu.edu.hk</a>)</td>
</tr>
<tr>
<td>Dr Z.L. Xu</td>
<td>(tel: 2766 6590; email: <a href="mailto:zh1xu@polyu.edu.hk">zh1xu@polyu.edu.hk</a>)</td>
</tr>
<tr>
<td>Dr X.S. Yang</td>
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<tr>
<th>Electronic assembly and LED technologies, green materials, green product design and green manufacturing</th>
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<tbody>
<tr>
<td>Prof. Winco K.C. Yung</td>
<td>(tel: 2766 6599; email: <a href="mailto:winco.kc.yung@polyu.edu.hk">winco.kc.yung@polyu.edu.hk</a>)</td>
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<tr>
<th>Net Shape forming and blanking, and process stimulation</th>
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<tbody>
<tr>
<td>Prof. L.C. Chan</td>
<td>(tel: 2766 6634; email: <a href="mailto:lc.chan@polyu.edu.hk">lc.chan@polyu.edu.hk</a>)</td>
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Precision Engineering (State Key Laboratory of Ultra-precision Machining Technology)

<table>
<thead>
<tr>
<th>Ultra-precision machining technologies, precision manufacturing, advanced optics manufacturing and precision metrology</th>
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<tbody>
<tr>
<td>Prof. Benny Cheung</td>
<td>(tel: 2766 7905; email: <a href="mailto:benny.cheung@polyu.edu.hk">benny.cheung@polyu.edu.hk</a>)</td>
</tr>
<tr>
<td>Prof. Sandy To</td>
<td>(tel: 2766 6587; email: <a href="mailto:sandy.to@polyu.edu.hk">sandy.to@polyu.edu.hk</a>)</td>
</tr>
</tbody>
</table>
## Products Design and Miniaturization

**Green product design and life cycle assessment, and green manufacturing**  
Prof. Winco K.C. Yung  
(tel: 2766 6599; email: wincokcyung@polyu.edu.hk)

**Healthcare product design, nanoparticle based biosensing technique and biosensor miniaturisation**  
Dr Roy W.C. Law  
(tel: 2766 6607; email: roy.law@polyu.edu.hk)

**Special forming equipment design and manufacture**  
Prof. L.C. Chan  
(tel: 2766 6634; email: lchanchan@polyu.edu.hk)

## Smart Manufacturing and Robotics

**Mechatronics and control, product innovation, intelligent product development and micro-injection and micro-fabrication**  
Prof. K.L. Yung  
(tel: 2766 6592; email: kl.yung@polyu.edu.hk)

**Robotics and automation, intelligent control, compliant mechanism and micro/nano manipulation**  
Prof. Y.M. Li  
(tel: 2766 4978; email: yangminli@polyu.edu.hk)

**Quality, reliability, safety and innovation**  
Prof. Winco K.C. Yung  
(tel: 2766 6599; email: wincokcyung@polyu.edu.hk)

**Smart product-service system, engineering design informatics, industrial intelligence, and manufacturing servitization**  
Dr P. Zheng  
(tel: 2766 5633; email: palzheng@polyu.edu.hk)

## Operations and Supply Chain Management

**Green logistics, inventory management, demand forecasting, and sourcing decisions**  
Dr Carman Lee  
(tel: 3400 3899; email: ckm.lee@polyu.edu.hk)

Prof. Felix Chan  
(tel: 2766 6605; email: fchan@polyu.edu.hk)

**Logistics and supply chain management, distribution scheduling and optimisation strategy**  
Prof. Felix Chan  
(tel: 2766 6605; email: fchan@polyu.edu.hk)

Prof. X.W. Fu  
(tel: 2766 6329; email: xiaowenfu@polyu.edu.hk)

Dr Nick S.H. Chung  
(tel: 3400 3790; email: nickshchung@polyu.edu.hk)

Dr M. Xu  
(tel: 2766 6593; email: minmxu@polyu.edu.hk)

**Distribution requirements, enterprise resource planning and manufacturing information systems**  
Prof. P. Ji  
(tel: 2766 6631; email: pji@polyu.edu.hk)

**Modelling for energy, environment, and sustainability**  
Dr J.Z. Ren  
(tel: 2766 6596; email: jingzhengjzren@polyu.edu.hk)

**Knowledge engineering and management, and technology management**  
Prof. Benny Cheung  
(tel: 2766 7905; email: bennycheung@polyu.edu.hk)

**Intelligent decision support system and multi-criteria decision analysis**  
Dr J.Z. Ren  
(tel: 2766 6596; email: jingzhengjzren@polyu.edu.hk)

## Aviation and Transportation Logistics

**Transport modelling and data analysis, aviation and maritime studies and industrial organization analysis for the transport industry**  
Prof. X.W. Fu  
(tel: 2766 6329; email: xiaowenfu@polyu.edu.hk)

**Sustainable transportation**  
Dr J.Z. Ren  
(tel: 2766 6596; email: jingzhengjzren@polyu.edu.hk)

Dr M. Xu  
(tel: 2766 6593; email: minmxu@polyu.edu.hk)

Prof. Felix Chan  
(tel: 2766 6605; email: fchan@polyu.edu.hk)

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To discuss the possibility of pursuing a research topic not covered in the list above, please contact the Departmental Research Committee Chairman, Prof. Xiaowen Fu at tel.: (852) 2766 6329; email: xiaowenfu@polyu.edu.hk
Department of Industrial and Systems Engineering
The Hong Kong Polytechnic University

Welcome to join us!

(1) Submission of an initial application to Research Grants Council
   https://cerg1.ugc.edu.hk/hkpfs/InitApplication.jsp

(2) Submission of a full application to PolyU
   http://www.polyu.edu.hk/admission

Application Period
1 September 2021 to 1 December 2021 at 12:00 noon Hong Kong Time
(or +8 hours GMT)*

Enquiry: Miss Iris Ko (email: iris.ko@polyu.edu.hk)
Department’s website: www.polyu.edu.hk/ise/

(This leaflet is subject to review and change by Dept of ISE from time to time.)