

Johannes Kepler University Linz | Institute for Pervasive Computing

Univ.-Prof. Mag. Dr. Alois Ferscha

Altenberger Straße 69

4040 Linz, Austria

T +43 732 2468 476

F +43 732 2468 4765

E ferscha@pervasive.jku.at | alois.ferscha@jku.at

W <http://www.pervasive.jku.at/>

The institut's research focuses on the following areas:
Cyberphysical Industrial Systems | Pervasive and Ubiquitous Computing | Context, Activity and Attention Recognition Sensor and Actuator Systems | Wearable Computing | Agent Based Simulation | High Performance Computing

Among the international partners are the following: AGH University of Science and Technology (PL), University of Freiburg (DE), University of Bologna (IT), Edinburgh Napier University (UK), Swiss Federal Institute of Technology Zürich (CH), German Research Center for Artificial Intelligence - DFKI (DE) and many others.

Topics for cooperation would include any of the above mentioned research foci.

List of current and recent projects:
<http://www.pervasive.jku.at/Research/Projects/>

该研究所的主要研究方向集中在：信息物理系统，普适计算，情境/行为/注意力识别/传感器/传动器系统，可穿戴计算，基于 Agent 的仿真(ABS)，高性能计算

在国际合作上，该所与克拉科夫 AGH 科技大学(波兰)，弗莱堡大学(德国)，博洛尼亚大学(意大利)，爱丁堡龙比亚大学(英国)，苏黎世联邦理工学院(瑞士)，德国人工智能研究中心(德国)，伦敦帝国理工学院(英国)，伦敦大学(英语)，哈雷-维滕贝格大学(德国)，慕尼黑工业大学(德国)，圣安德鲁斯大学(英国)，苏赛克斯大学(英国)，维尔茨堡大学(德国)，圣心天主教大学(意大利)，莫德纳和勒佐艾米利亚大学(意大利)，罗马一大(意大利)，汉堡大学(德国)，帕绍大学(德国)，日内瓦大学(瑞士)，阿姆斯特丹自由大学(荷兰)，洛桑联邦理工大学(瑞士)及其他很多大学结成了长久的合作关系

该所的合作重心请参见该所当前/近期项目列表的研究重点：<http://www.pervasive.jku.at/Research/Projects/>

Graz University of Technology (TU Graz) | Knowledge Technologies Institute (KTI)
Dr. rer.nat. Dietrich Albert, Univ.-Professor
Inffeldgasse 13/VI
8010 Graz, Austria
T +43 316 873 30630
F +43 01 33 33 / 01
E dietrich.albert@tugraz.at
W <http://kti.tugraz.at/>

TU Graz specialises on algorithms and mathematical modelling whereas KTI works on knowledge technologies and cognitive science.

General foci are primarily Intelligent Systems, that include Cognitive Systems and Interactive Systems and secondly Big Data Science, which deals with Data Analytics and Data Management.

International partners include the Central China Normal University (Wuhan, China) | Fraunhofer-Gesellschaft (Germany) | Leibniz Information Center for Economics (Germany) | Middlesex Univ. London (UK) - Open Univ. of the Netherlands | Osaka Prefecture Univ. (Japan) | RWTH Aachen (Germany) and many more.

The following could be possible topics for cooperation.

For Intelligent Systems: Adaptive Systems | Cognitive Computing | E-Assessment & E-Diagnostics | Evaluation Systems | Game Technology | Human Computer Interaction & Decision Making | Knowledge Discovery | Learning Analytics | Open Systems | Personal & Ubiquitous Computing | Smart Cities & Energy Consumption | Social Computation etc.

For Big Data Science: Data Stream Analysis | Information Diffusion | Machine Learning | Natural Language Processing | Network Theory & Analytics | Predictive Models | Sensor Analytics | Time Series Prediction | Visual Analytics | Distributed Systems | In-Database Analytics | Non SQL Databases | Open Source Frameworks:hadoop, storm etc. | Web Science

格拉茨技术大学专精于代数和数学建模方向的研究，其下属的知识技术研究所擅长的领域包括知识科技以及认知科学。

在总的研究方向上智能系统的开发是该所的主要任务，该方向包含了，认知系统，互动系统和主要应用于数据分析和数据管理的次级大数据科学

在国际上该所拥有众多的合作伙伴：

弗劳恩霍夫应用研究促进协会(德国)，莱布尼茨经济信息中心(德国)，亚琛工业大学(德国)，米德塞斯大学(英国)，利兹大学(英国)，荷兰开放大学，阿姆斯特丹大学(荷兰)，圣三一学院(爱尔兰)，科克大学(爱尔兰)，塔林大学(爱沙尼亚)，加州大学欧文分校(美国)，孟菲斯大学(美国) 华中师范大学(武汉，中国)，大阪府立大学(日本)

在两个大方向上该所期望广泛的合作：

智能系统领域：自适应系统，认知计算，电子化测评&诊断，评估系统，游戏技术，人机交互&决策，知识发现，学习分析，开放系统，个人与普适计算，智慧城市&能耗，社会计算等

大数据科学领域：数据流分析,信息传播，机器学习，自然语言处理，网络理论&分析，预测模型，传感器分析，时间序列预测，可视化分析，分布式系统，In-Database 分析，Non SQL 数据库，开源框架:hadoop、storm 等，网络科学

TU Wien | Institute of Computer Engineering
Cyber-Physical Systems Group
Univ.-Prof. DI Dr. Radu GROSU
Treitlstraße 3 / 3
1040 Wien, Austria
E radu.grosu@tuwien.ac.at
Whttps://ti.tuwien.ac.at/cps

The Cyber-Physical-Systems research group (CPS) is the successor of the world-renown Real-Time-Systems group (RTS), lead by Prof. Her-mann Kopetz.

The main focus of the group is now therefore on: the specification (e.g. spatial-temporal logics) | the design (e.g. probabilistic hybrid systems) | the analysis (e.g. symbolic and stochastic model checking) and the control (e.g. PID, supervisory, and optimal) of the CPS' behaviours.

International partners include the Beihang University | University of Macau | TU München | University of Oxford | MIT | UC Berkeley | UCLA | NASA | Thales group and many more.

Possible topics for cooperation include Cyber-Physical Systems | Internet of Things | Smart Factory | Smart Mobility | Smart Health | Robotics | AI | Deep Neural Networks | Computational Neuroscience

维也纳技术大学下属的电脑工程所的 Cyber-Physical Systems (CPS) 课题组是 Hermann Kopetz 教授领导下的世界知名的 Real-Time-Systems 课题组(RTS)的后继者。

该课题组现阶段的主要研究方向集中在信息物理系统的: 规范(例如:时空认知逻辑), 设计(概率混合系统), 分析(符号和随机模型检验), 控制 (PID, 监控与优化)

维也纳工业大学与世界上很多的知名学府有长期的合作关系:

中国北航大学, 澳门大学, 慕立黑工大, 英国牛津大学, 加州大学伯克利分校, 宾夕法尼亚大学, 麻省理工, 加州大学洛杉矶分校, 美国航天航空局喷气推进实验室, Thales 集团

在下列课题上, 该所愿意与全球的合作伙伴展开广发的合作: 信息物理系统, 物联网, 智能工厂, 智能移动, 智能健康, 机器人, 人工智能, 深度神经网络, 电脑神经科学

TU Wien | Institute of Software Technology and
Interactive Systems
Dr. Allan Hanbury
T +43 1 58801 188310
E allan.hanbury@tuwien.ac.at
W www.isis.tuwien.ac.at

The Institute of Software Technology and Interactive Systems at the TUWien consists of four working groups on (1) Information and Software Engineering (IFS, Prof. A Min Tjoa), (2) Interactive Media Systems (IMS, Prof. Christian Breiteneder), (3) Business Informatics (BIG, Prof. Gerti Kappel), (4) Electronic Commerce (EC, Prof. Hannes Werthner).

The Information and Software Engineering Group (IFS) covers the design and development of software and information systems in research and education.

The research foci of the IFS Group are data mining, text analysis, information retrieval, music retrieval, machine learning, big data, linked (open) data, semantic integration, digital preservation, visual analytics, data-sharing ecosystems, and informatics for education.

The Institute is embedded in the ASEA-UNINET Academic University Network (<http://www.asea-uninet.org/>), with particularly strong contacts to universities in Indonesia. The Institute coordinates and participates in multiple EU projects, and therefore has research partners in multiple European countries, in particular Germany, the UK, and France. The Institute is a member of the Research Data Alliance (<https://www.rd-alliance.org/>).

Any of the research foci of the IFS group are topics for cooperation: data mining, text analysis, information retrieval, music retrieval, machine learning, big data, linked (open) data, semantic integration, digital preservation, visual analytics, data-sharing ecosystems, and informatics for education.

维也纳技术大学软件技术和交互系统研究所由四个研究组组成：(1)信息和软件工程 (IFS, Prof. A Min Tjoa), (2)交互式媒体系统 (IMS, Prof. Christian Breiteneder), (3) 商业信息学 (BIG, Prof. Gerti Kappel), (4)电子商务 (EC, Prof. Hannes Werthner).

信息和软件工程研究组 (IFS)的研究和教育工作涵盖了软件与信息系统的设计和研发。

IFS 组的研究焦点包括：数据挖掘，文本分析，信息检索，音乐检索，机器学习，大数据，关联（开源）数据，语义集成，数字资源保存，可视化分析，数据共享生态系统，以及教育信息化。

研究所是欧亚-太平洋大学联盟

ASEA-UNINET(<http://www.asea-uninet.org/>)成员，特别是与印度尼西亚的大学有密切联系。

研究所协调和参与多项 EU 项目，因此在多个欧盟国家中有合作研究伙伴。

研究所是研究数据联盟 Research Data Alliance (<https://www.rd-alliance.org/>)成员

软件技术和交互系统研究所有兴趣合作的课题包括：数据挖掘，文本分析，信息检索，音乐检索，机器学习，大数据，关联（开源）数据，语义集成，数字资源保存，可视化分析，数据共享生态系统，以及教育信息化。

University of Innsbruck | Institute for Computer Science
Assoc. Prof. Dr. Radu Prodan
Technikerstraße 21a
6020 Innsbruck, Austria
T +43 512 507 53206
E radu@dps.uibk.ac.at
W <http://dps.uibk.ac.at/~radu>

The Institute of Computer Science, particularly the Distributed and Parallel Systems Group (DPS) is engaged in research and development of programming environments, multi-objective optimization, measurement and modelling of non-functional program and system behaviour as well as software tools for Internet, Cloud infrastructures and multicore parallel computers.

International partners include: Technical University Delft, Netherlands | MTA SZTAKI, Hungarian Academy of Sciences, Hungary | University of Ljubljana, Slovenia | University of Porto, Portugal | West University of Timisoara, Romania | Polytechnic University of Bucharest, Romania | University Carlos III of Madrid, Spain | St.Xavier's Catholic College of Engineering, India | Liverpool John Moores University, UK | Methodius University Skopje, Macedonia | University of Salerno, Italy | University of Münster, Germany | Mohammad Ali Jinnah University, Pakistan | Agency for Science, Technology and Research | Singapore University of Pisa, Italy

In terms of cooperation the DPS would be interested in:
Cloud computing | High-performance scientific computing | Manycore (accelerator) parallel computing | Performance analysis and tools | Energy efficiency | Compiler technology | Multi-objective optimisation | Resource management | Scheduling | Massively multiplayer online gaming

因斯布鲁克大学下属的计算机科学学院，特别是分布和并行系统课题组 (DPS) 致力于研发新兴的编程环境，多物体优化，测量和非功能程序的建模，系统行为以及互联网软件工具研发，云基础设施及多核心平行计算机

学院在国际范围内与多家大学建立有长期的合作关系：
代夫特工业大学 (荷兰)，MTA SZTAKI (匈牙利)，卢布尔雅那大学 (斯洛文尼亚)，波尔图大学 (葡萄牙)，西蒂米什瓦拉大学 (罗马尼亚)，布恰里斯特理工大学 (罗马尼亚)，马德里卡洛斯三世大学 (西班牙)，圣泽维尔天主教工程学院 (印度)，利物浦约翰摩尔大学 (英国)，斯科普里麦托迪大学 (马其顿)，萨勒诺大学 (意大利)，明斯特大学 (德国)，穆罕默德.阿里.真纳大学 (巴基斯坦)，A*STAR (新加坡)，比萨大学 (意大利)

计算机科学研究所所有兴趣合作的课题包括：云计算，高性能科学计算，多核 (加速器) 并行计算，性能分析和工具，能效，编译技术，多目标优化，资源管理，调度，大型多人在线游戏

WU Vienna
Univ.Prof. Dr. Gustaf Neumann
Program Director MSc Information Systems
Head of Institute of Information Systems and New Media
Welthandelsplatz 1
1020 Vienna, Austria
Adresse | Musterort
E neumann@wu.ac.at
W <http://nm.wu.ac.at/nm/en/neumann>

The Wirtschaftsuniversität Wien (Vienna University of Economics and Business) today is the EU's largest educational institution for business and economics, business law, and social sciences with about 27,000 students.

The institutes research focus lies within Evolutionary Business Information Systems | Dynamic Product Lines | Dynamic Languages | Technology Enhanced Learning | Dynamic Workflow Systems <http://nm.wu.ac.at/nm/research>

The institute can look back at participating in 9 EU - Projects (IST, STREP, Network of Excellence; focus technology enhanced learning) and international Open-Source projects (OpenACS, DotLRN) in the last 10 years.

Some partners are: Wolfgang Nejdl (University Hanover) | Ralf Klamma (RWTH Aachen) | Sven Apel (University Passau) | Michael zur Mühlen (Stevens Institute of Technology)

Cooperation would be highly interesting in Research and Teaching (Master Level) and providing opportunities for high potentials.

拥有 27000 名学生的维也纳经济大学如今是欧盟范围内最大的商务经济、商务法律以及社会科学方面的教育机构。

该校下属的信息和新媒体学院的主要研究方向包括以下几点：进化的商务系统，动态生产线，动态语言，技术支持的学习（TEL），动态工作流程系统

该学院在过去十年参加了九个 EU 项目(IST, STREP, Network of Excellence; focus technology enhanced learning), 踊跃参加国际开源项目 (OpenACS, DotLRN).

通过广泛的国际合该学院与众多国际学府建立了长期业务合作关系其中著名的包括: Wolfgang Nejdl (汉诺威大学), Ralf Klamma (亚琛工业大学), Sven Apel (帕绍大学), Michael zur Mühlen (斯蒂文斯理工学院)

维也纳经济大学有兴趣合作的课题包括: 硕士学位的研究与教学合作,为高潜力者提供机会

AIT Austrian Institute of Technology GmbH
DI Helmut Leopold
Head of Department Digital Safety & Security
Donau-City-Straße 1
1220 Vienna, Austria
T +43 50550 4101
E helmut.leopold@ait.ac.at
W <http://www.ait.ac.at/en/about-the-ait/center/center-for-digital-safety-security/>

The AIT Digital Safety & Security Department is developing cutting-edge information and communication technologies (ICT) designed to ensure safe and reliable operation of critical infrastructures.

Research focuses on intelligent vision systems for next generation surveillance, protection of persons and infrastructures, border management and identity management, augmented reality, large multimedia data management. Moreover the institute deals with next generation verification & validation of IT systems for safety critical applications, cyber security for Internet of Things and industrial control systems (ICS).

The Institute cooperates with major universities and RTOs and industries worldwide including Huawei Shenzhen for Quantum Technology research and Huawei Shanghai for reliable wireless communication.

Fields of cooperation interests: Intelligent Vision Systems
Data Science, Intelligent Vision Systems: Cognitive Systems, augmented reality for surveillance and crises and disaster management; Cyber Physical Systems, Safety & Security of critical infrastructures ;
Data Science: Data Analytics & Data Management and predictive maintenance
reliable wireless communication, 5G for autonomous driving and industry 4.0
Machine Learning methods for Cyber Security

奥地利国家技术研究院的数字安全部致力于开发先进的信息通信技术用于保障关键基础设施的安全与可靠运营

在大的领域内，他们的研究方向关注于：
用于下一代监控的智能视觉系统，个体与设施的安防，边检管理和身份管理，增强现实，多媒体大数据管理等等

此外该部门也专注于安全性关键应用的 IT 系统的下一代验证与确认，物联网信息安全和工业控制系统，包括基于量子密钥分布和量子网络的新加密技术

在世界范围内该部门与很多主流大学、RTO 产业，在中国国内与华为深圳(量子技术研究)，华为上海(可靠无线通信)有长期的交流合作

AIT 有兴趣合作的课题包括如下几大类：
智能视觉系统：认知系统，用于监控的增强现实，危险和灾难管理；信息物理系统；关键基础设施的安全安防；
数据科学 – 数据分析&数据管理以及预防性维护
可靠无线通信，自动驾驶 5G，工业 4.0
用于保障网络安全的机器学习方法

AICO EDV-Beratung GmbH
Schleinbacherstraße 61,
2122 Ulrichskirchen, Austria
Ferdinand Aicher
T+43 2245 82448
Einfo@aico-software.at
Whhttp://www.aico-software.at/contact.html

AICO is specialized in customized software optimization, design and evaluation. The company offers development and consulting services in many areas, for example:

test automation
embedded systems development
algorithm and protocol analysis and implementation
open software architecture design and evaluation

as well as Smart Grid

The company holds the membership of Smart grid Austria and 5G Expert Advisory Group

On the international level the company is member of Society of Manufacturing Engineers and a participant of *NetWorld2020 Initiative*, which is the European Technology Platform for communications networks and services.

The following areas of business may be areas of cooperation:
Smart Grids

- Interoperability of Smart Grid devices and services
- Virtual Power Plant management
- Smart Grid security

5G Network Services

- Resource management
- Quality of Service
 - Traffic Engineering
- Performance modelling

Factory of the future

- process chain modelling
 - value chain optimisation
- demand prediction

AICO 是一家为客户订制专业的软件优化, 设计及评定的 IT 咨询公司。该公司在很多领域内如: 自动化测试, 嵌入式系统发展, 演算法和协议的分析 and 执行以及开放软件架构的设计及评价等向客户提供开发和咨询服务。此外该公司还提供智能电网方向的咨询服务。

公司是奥地利智能电网以及 5G 专家顾问团的成员。在国际层面上, 公司加入了欧洲制造工程师协会以及参与了欧洲 Networld2020 倡议活动。通过 Networld 2020 这个技术交流平台, 公司与很多欧洲的通信技术行业的个人和公司建立起良好的合作关系。

在以下的 3 个大领域内, 该公司希望能与中国同行进行广泛的合作交流:

智能电网:

- 智能电网设备和服务的互用性
- 虚拟电站管理
- 智能电网安全

5G 网络服务:

- 资源管理
- 服务质量
- 交通工程
- 性能建模

未来工厂

- 流程链建模
- 价值链优化
- 需求预测

Avitacs Limited
Johannes Bachler, MSc, MBA
Endresstr. 65/7/3
1230 Vienna, Austria
T : +43 664 276 49 82
F +43 01 33 33 / 01
E info@avitacs.com
W <http://www.avitacs.com/>

Avitacs Limited was founded in 2008 as a market research and project development company and is headquartered in Vienna, Austria.

Key elements of the business portfolio are the development of interdisciplinary and multi-cultural projects and project teams, international project management and application development for transport, energy efficiency and aviation specific research projects as well as HR development in cooperation with our partner companies.

The team of Avitacs has been cooperating with European research institutes throughout the last decade. Together with our partners we are currently developing a transnational transport research network to collaboratively apply sustainable research projects in the frame of H2020 and other European funding programs.

The current development project is called FIRNASTICA, which focuses on a system-wide delay prediction system with integrated resource optimization algorithms for flight crews, airplanes and passengers on affected travel routes.

Topics of cooperation: multi-agent systems, artificial intelligence, machine learning, GPGPU, transport optimization, parallel algorithms and neuroevolution.

Avitacs Limited 于 2008 年建立，本部在奥地利维也纳，是一家市场调查和项目开发的公司。代表产品的核心元素是跨学科开发、多文化项目及项目组，国际项目管理和运输的应用开发，能效和航空专项，同时也包括与伙伴公司合作的人力资源开发。

Avitacs 的团队 20 年以来与欧洲的各研究所进行合作，同时与欧洲各研究组织有多样化和高度专业化的接触。我们正与合作伙伴们一起开发一个跨国的传输研究网络，以便在 H2020 和其他欧洲基金项目框架下共同申请可持续的研究项目。

目前的开发项目名称为 FIRNASTICA, 聚焦于整个系统中的延迟预测系统，集成了面向受影响航线中航班人员、机群和乘客等资源的优化算法。

该公司希望合作的议题包括: 多智能体系统, 人工智能, 机器学习, 通用图形加速处理器, 运输优化, 并行算法和神经进化。

Bürger SMS – Creative Future KG
Mag.(FH) Burkhard NEUPER
Bundesstrasse 66
8740 Zeltweg, Austria
T +43 3577 93 201
F +43(0)3577 93 201 94
E <mailto:office@buergersms.at>
W <http://www.buergersms.at/>

The Company is responsible for the development of a novel civil communication system called Bürger SMS.

The business of the company covers:

- SMS and App service platform for municipals and cities
- Short message provider in China
- Mobile business
- Digitalization in China
- Big data and its applications
- Mobile industry
- Software development

There are no international cooperations at the moment.

Areas of cooperation include technologies in China | providers of APP and SMS on city or municipality level | mobile industry | software development

创新未来公司在奥地利主要负责开发了新型的城镇市民系统: Bürger SMS, 除此以外公司的主要关注方向还包括了:

- 针对于城乡开发的 SMS 与 App 应用服务平台
- 中国的短信供应商
- 移动商务
- 大数据及其应用
- 移动工业
- 软件开发

在国际上该公司目前暂无合作项目

公司在以下三点上希望于与中国合作伙伴共同交流发展

- 移动工业
- 软件开发
- 提供在中国的城乡一级的短信和 App 服务

DerneumanN Consulting e.U.
Dominic Neumann, MBA
Überfuhrungasse 60B/1
8020 Graz, Austria
T +43 676 84171311
E dominic@derneumann.at
W www.derneumann.at

DerneumanN Consulting e.U. is a private owned consulting company with IT focus.

The company provides IoT Consulting in the following major areas:
4.0 Industry | telecommunication | software development
as well as
IT-security | buying and bidding | workflow optimization | digitalization of hotel industry & gastronomy | workshops & trainings | IKT lectures

The firm provides functional specifications (original "Pflichtenheft", Anm. IP) and technical documentation | evaluation expertise | innovation evaluation expertise | private opinion | court's opinion

There are no international cooperations at the moment.

Cooperation is possible in all above mentioned areas of business and ICT Consulting for chinese companies.

DerneumanN 咨询公司是一家小型的 IT 咨询公司, 现该公司向客户提供在物联网业内如下方向的咨询和服务:

工业 4.0 咨询
通信领域的咨询
软件开发的咨询

该公司还可以在以下方面提供咨询业务:

IT 安全
购买于竞拍
工作流程优化
旅馆和餐饮业的数字化
研讨会和培训
ICT 方向的教学讲课

公司提供的直接服务包括:

制定功能说明和技术文案
专业技能评估
创新技能评估

公司目前暂无国际合作伙伴, 希望未来能为中国公司做以上相应的 IT 咨询

Epcos OHG – A TDK Group Company
Dr. Klaus AICHHOLZER
Siemensstrasse 43
8530 Deutschlandsberg, Austria
T +43 3462 800 2523
M +43 676 8226 2523
E Klaus.aichholzer@epcos.com
W <http://www.global.tdk.com/>
<http://www.epcos.com>

The EPCOS OHG in Deutschlandsberg is the mother factory for ceramics within TDK.

Research is done on ceramic materials and products for electronic applications. Including simulations of mechanical and electrical parameters, new receipts of ceramic materials and a variety of processes.
Recent focus is on materials and technologies for 5G applications and automotive radar.

For the product development EPCOS is working together with its worldwide customers in joined projects.
Basic investigations and material developments are done with Austrian University Institutes, especially the Montanuniversität Leoben, and also international partners like BAM-Berlin | LPKF Laser & Electronics AG – Garbsen | IZM-Berlin.

As a TDK Group Company EPCOS is also working closely with the TDK Technical Center in Tokyo.

Areas of cooperation are:

5G infrastructure like ceramic filters for base stations | 5G mobile applications like front end modules, multiplexer modules and PA-modules | MIMO antennas, antenna arrays, antenna modules | Automotive radar modules (including antenna)

位于德意志兰茨伯格的爱普科斯无限公司是 TDK 集团生产陶瓷材料的母工厂。

开展陶瓷材料和电子应用产品方面的研究,包括机械和电子参数的仿真,陶瓷材料的新配方以及多种过程。
近期重点是 5G 应用以及汽车雷达的材料和技术。

在产品研发方面,爱普科斯与全世界范围的客户们在联合项目的框架下一起合作。

基础研究和材料研发是公司与奥地利大学研究所一起完成,特别是 Montanuniversität Leoben,同时在这个方向上公司也有长期的国际伙伴,如 BAM-Berlin, LPKF Laser & Electronics AG – Garbsen, IZM-Berlin.

作为 TDK 集团成员,爱普科斯与东京的 TDK 技术中心也有密切合作。

爱普科斯有兴趣合作的课题包括

5G 基础设施,如基站的陶瓷滤波器

5G 移动应用,如前端模块,多路复用器模块,PA 模块等

多输入多输出天线,天线阵列,天线模块

汽车雷达模块(包含天线)

JOANNEUM RESEARCH Forschungsgesellschaft
mbH | DIGITAL – Institute for Information and
Communication Technologies
Dr. Heinz Mayer, Director DIGITAL
Steyrergasse 17
A-8010 Graz
T +43 316 876 5000
F +43 316 876 5010
E digital@joanneum.at
W <http://www.joanneum.at/digital>

JOANNEUM RESEARCH is a leading international research organisation that develops solutions and technologies for businesses and industry covering a wide range of sectors.

As an INNOVATION COMPANY focused on applied research and technology development, it plays a key role in facilitating the transfer of technology and knowledge in Austria.

DIGITAL – TheInstitute for Information and Communication Technologies is a partner for applied high-tech solutions. It analyses new technologies for the World Wide Web, specialising in image, video and acoustic signal processing as well as in remote sensing, communication and navigation technologies.

A broad spectrum of mainly European research and industrial partners are among the international partners.

Topics for cooperation include business areas of the institute DIGITAL such as industry | safety & security | mobility | environment & energy | space as well as health & lifestyle

The institute is interested in contract research and sales of products and services.
<https://www.joanneum.at/en/digital/productssolutions.html>

JOANNEUM RESEARCH 是一所引领性的国际化研究组织，开发多领域的商务和产业化的解决方案和技术。

作为一个创新型公司，聚焦于应用研究和技术开发，在奥地利技术和知识转移的促进工作中扮演重要角色。

DIGITAL – 信息与通信技术研究所是提供实用的高技术解决方案的值得信赖的伙伴。它分析万维网中的新技术，特别是图象、视频和声学信号处理，以及远程感知、通信以及导航技术。

该研究所在多领域中具有以欧洲为主的研究和产业化伙伴

DIGITAL 研究所感兴趣的商务合作领域包括产业化、安全与安防、移动性、环境&能源、太空、以及健康和生活方式。

合作形式包括产品和服务的合约研究及销售：
www.joanneum.at/en/digital/productssolutions.html.

14 LINBIT HA-SOLUTIONS GMBH **LINBIT HA-SOLUTION 有限公司**

Linbit HA-Solutions GmbH

Thomas Kozlowski
Stiebergasse 18,
1150 Vienna, Austria
T + 4369916661763
E Thomas.kozlowski@linbit.com
W <https://www.linbit.com/>

The Linbit HA-Solutions GmbH is an expert in the high availability sector. They provide Companies, Data Center Providers and every body who's data is important, an open source solution that keeps data highly available.

The company has 3 main focuses:

- High availability
- SDS (Openstack, Opennebula)
- Disaster recovery between long distances Attached

The company's business covers two major areas:

Software Products

The company developed their unique open source software DRBD, which is already downloaded 1.000.000 times and implemented in the Linux Kernel since many years.

Pacemaker: Automate recovery after downtime occurs, mitigating business downtime

DRBD Proxy Replicates data across the world, ensuring disasters don't equal data-loss or downtime

Services

Support: the company installs, maintains, and supports the customer's mission critical setups.

Training: the DRBD developer of the company doctrines directly the professionals the DRBD, Corosync, and Pacemaker

Consulting: the company built the customized features and functionalities to match the customs setup

Since many years the company networked the world well. In Asia they has a Japan Exclusive Partner (see.

<http://www.3ware.co.jp/>), in the USA they set up a American Branch Linbit Inc in Portland to take care on the US market. In Europe the also has two Exclusive Partner Osec Poland and DV Consulting from Denmark. Internationally they also served Suse, Mellanox, HP as well as SkySQL.

In China the company is currently searching for an exclusive Partner / Reselle, which is going to sell company's products on the Chinese partner. The company is also willing to partner with software vendors, consultants or get implemented into Hardware Vendor like IBM.

Linbit HA-Solution 有限公司是高可用性领域的专家。公司向公司，数据提供中心以及个人提供开源解决方案以保障数据的高可用性。

公司有 3 个主要的研究领域:

- 高可用性
- 软件定义存储 (如 Openstack, Opennebula)
- 长距离间的灾难恢复

公司在两个领域内向客户提供业务:

软件产品

公司开发了他们独特的开源软件 DRBD, 该软件已被下载了一百万次在 Linux Kernel 已经被多年实施, 该软件同步得复制数据, 使得数据在硬件故障下不会丢失

Pacemaker: 在停机发生后自动恢复, 减少商业停机

DRBD 代理服务: 在世界范围内复制数据, 以确保在灾害情况下不会丢失数据及停机

服务

技术支持: 公司为客户的项目的关键步骤提供安装, 维护, 以及支持保障

培训: 公司的 DRBD 软件开发人员直接培训其他专业人员认识, 操作 DRBD, Corosync, 以及 Pacemaker

咨询: 公司为客户的计划订制特制的功能及特征
公司在世界范围内有良好的网络, 在亚洲他们在日本有专有合作人(见. <http://www.3ware.co.jp/>), 他们在美国的波特兰建有分公司 Linbit Inc, 在欧洲的波兰和丹麦他们都有专有合作人, 此外他们还向 Suse, Mellanox, HP, 及 SkySQL 提供长期的服务

在中国该公司现阶段在寻找独家伙伴或销售商。公司也希望与软件商, 咨询公司合作。或者更进一步硬件开发商如 IBM 能应用他们的软件

Linz Center of Mechatronics GmbH
Altenbergerstr. 69
4040 Linz, Austria
M +43 664 848 1307 | +43 664 848 1302
E Johann.hoffelner@lcm.at |
Thomas.buchegger@lcm.at
W <http://www.lcm.at>

Linz Center of Mechatronics is a research institute and service provider which deals with wireless sensor networks | indoor localization and tracking (radar, HF, acoustic) | IoT and beyond (M2M, M2X) | broadband wireless sensing (radar, sonar) | network simulation | clock synchronization | machine learning image analysis | predictive analytics & fault detection | self-optimization

These following institutes cooperate with LCM:
ETH (CH) | KTH (SWE) | MIT (USA) | RWTH (GER)

Areas of cooperation may include all the above mentioned business areas.

林茨机电一体化中心是一家集研究和服务为一体的综合性机构，该中心在现阶段的研究重点分布在如下方面：

- 无线传感器网络
- 室内定位和跟踪（雷达，高频，声波）
- 物联网以及 M2M, M2X
- 宽带无线感知（雷达，声呐）
- 网络仿真
- 时钟同步
- 机器学习
- 图像分析
- 预测分析&故障检验
- 自优化

在国际范围内该中心与世界上知名的学府如：

- 瑞士苏黎世联邦理工大学
- 瑞典皇家理工学院
- 美国麻省理工学院
- 德国亚琛工业大学

有长期稳定的合作关系

林茨机电一体化中心在他们现阶段的重点研究方向上(见上方)都有与国际伙伴合作的兴趣意向

xLink Multikom Austria Telekom GmbH
Jakob-Haringer-Straße 1
5020 Salzburg, Austria
M +43664 200 5000
E m.herbst@xlink.at
W <http://www.xlink.at>

For more than 35 years, xLINK (together with Multikom Austria Telekom) GmbH, is one of the very few cable and fibreglass providers of the state of Salzburg, providing high speed internet for more than 70.000 clients. The company is still expanding. The latest project is called „xFLY“, which is a patented ground to air system, providing air travellers with high speed Internet on Airplanes.

Business focuses on the following areas: network providing | ground to air connections | development beamforming Antennas.

International partners include Ubiquiti | Salzburg Research | Tesla | Austria Telekom | RedBull | Servus TV

Possible topics for cooperation are fiber networks | beamforming Antennas | new network devices | open 5G | future seamless communication.

35 年来, Xlink 有限公司作为萨尔斯堡州为数不多的几家线缆, 光缆供应商, 与 Multikom Austria Telekom 有限公司一道向超过 70000 家的客户提供了高速 internet 入网服务。随着科技的发展, 公司也止不住发展的脚步。现阶段, 公司新开发的“xFLY”地对空系统, 旨在实现在民航飞机上的高速宽带接入。此外, 波束成型天线也是现阶段, 公司研究的主要方向。

在合作伙伴方面, 该公司已经与多家国际国外公司有过合作经历:

Ubiquiti, 萨尔斯堡研究所, 特斯拉, 奥地利电信, 红牛, 以及 Servus TV

在以下方向上公司有意与合作伙伴共同发展

光纤网络
波束成型天线
新型网络设备
开放 5G
未来无缝通信

OMICRON electronics GmbH Austria
Wernich de Villiers (Business Unit Leader) | Andreas Lutz
(Head of software development)
Oberes Ried 1
6837Klaus, Austria
T +43 59495 507 0
F +43 59495 507 999
E info@omicron.at
W <http://www.omicron.at>

OMICRON is an international company serving the electrical power industry with innovative testing and monitoring solutions.

Testing, diagnostics and reliable condition assessment of high- and medium-voltage assets. Our product range includes test systems for power transformers, current and voltage transformers, circuit breakers, rotating machines, power lines, grounding systems and cables. With our monitoring solutions even in-service monitoring of high-voltage assets such as generators, motors, power transformers and cables is possible.

For the sales area the company has sales offices and sales partners all over the world.

Areas of cooperation include
Software Technology topics

Knowledge exchange and software development cooperation for: Web/cloud-based data measurement platform, data security, IoT, mobile applications, connected industry, efficient automated testing

Software Application topics:

Data measurement portal for data management and analysis for electrical power systems with the following application parts: Data collection of relevant measurement data, data management and analysis, connected and disconnected usage based on a data portal

Import of measurement data of different Test Equipment manufacturers (including local Chinese manufactures) into a common data platform

Collect and study DGA (dissolved gases data in transformer oil) data for the local Chinese market by using different tools and generate insights

Business and people topics:

B2B: Share experience around IP/ideas protection in China

Software developer and Quality assurance outsourcing and/or building up of international teams

OMICRON 是一个跨国公司，为电力工业提供创新的测试和监控解决方案

公司的服务及产品包括：

高压和中压器件的测试、诊断和可靠性环境评估。我们的产品系列包括电源变压器、电流电压互感器、断路器、旋转电机、输电线、接地系统和电缆的测试系统。使用我们的监控解决方案还可以在线监控发电机、马达、电源变压器和电缆等高压器件。

在销售方面该公司在全世界都有销售公司和销售合作伙伴。

OMICRON 有兴趣合作的课题包括：

(软件)技术课题：

寻找有效方案融合和集成各种数据库和多个数据源，使其成为一个电力系统的中央测量数据平台（对架构、工具、集成平台的研究）

知识交换和软件研发合作：网络/基于云的数据测试平台，数据安全，物联网，移动应用，关联产业、高效自动化测试

(软件)应用课题：

电力系统数据管理与分析的数据测量入口，包含以下应用单元：相关测量数据的数据收集，数据管理和分析，基于数据入口的连接与断开的使用

引入不同测试装备制造商的测试数据（包括中国大陆制造商）到一个通用数据平台

使用不同的工具并产生见解，为大陆市场收集和研究的 DGA 数据（变压器油中的液化气数据）

商务和人员课题：

B2B: 分享在中国进行知识产权保护的经验

国际团队中软件开发者和质量保证的外包和/或建设

Salzburg Research Forschungsgesellschaft mbH
Univ.-Doz. Dr. Siegfried Reich (Director) | DI Peter
Dorfinger (Head of Advanced Networking Centre)
Jakob Haringer Straße 5/3
5020 Salzburg, Austria
M +43 664 4118208
E siegfried.reich@salzburgresearch.at
W <http://www.salzburgresearch.at>

Salzburg Research is an independent, innovation-driven research & technology organisation (RTO) in the area of information technologies (IT). The institute sees itself as a visionary think-tank, connecting networker and professional research partner. The different research groups provide consulting in technical IT and innovation issues and conduct research in national and international research programmes and on behalf of the industry.

The Advanced Networking Center offers industry-driven, applied research services with a focus on

- planning, development and supervision of reliable networks, particularly stable IP networks (Internet protocol networks).
- technologies & methods: reliable Internet and network technologies, data transmission security, Internet technologies for power grids, flexible communication solution, software-defined networking, network function virtualisation, testbeds, performance evaluation and monitoring of complex communication systems.

Among international partners are National Kapodistrian University of Athens | Fraunhofer Institute for Transportation and Infrastructure Systems | ASSYSTEM - Assystem Engineering and operation services | University of Roma Tor Vergata | SixSq Sàrl | Devolo AG | Restore Belgium | VITO | University Stuttgart | Bogazici Electricity Distribution Inc. | International Solare Energy Research Center Konstanz | TransnetBW GmbH.

Cooperation may be in fields such as testing and measuring Internet networks | wireless networks | software defined networking

萨尔茨堡研究所是一个独立的、创新驱动的信息技术领域的研究与技术组织(RTO)。研究所定义自己为一个前瞻性的智囊集团,与网络工作者和专业的研究伙伴联结在一起。不同的研究团队提供 IT 技术的咨询以及创新思路,并在国内国际的研究项目中开展研究工作,为产业带来效益。

作为一个全球性的网络基础设施,该先进网络中心提供产业驱动的应用性研究服务,研究重点包括:

可靠网络的规划、开发以及监管,特别是固定 IP 网络 (因特网协议网络)。

技术和方法: 可靠互联网和网络技术,数据传输安全,电网的互联网技术,灵活的通信方案,软件定义的网络,网络功能虚拟化,试验床,复杂通信系统的性能评估和监控

国际上该研究所拥有如下的多家合作伙伴:

雅典大学,弗劳恩霍夫交通与基础设施研究所, ASSYSTEM –工程和运营服务, 罗马 Tor Vergata 大学, 斯图加特大学, 康斯坦茨国际太阳能研究中心,荷兰 SixSq Sàrl, 德国 Devolo AG 飞炫科技有限公司, 比利时 REstore, 比利时 VITO, 土耳其 Bogazici 电力输送有限责任公司, 德国 TransnetBW GmbH 电网公司

萨尔茨堡研究在以下两个大课题下寻求合作伙伴:

测试和测量互联网网络和无线网络
软件定义网络

19 COMMUNITY-BASED INNOVATION SYSTEMS GMBH



20 JAROSCH & HAAS GESMBH

21 TELE TEAM GESELLSCHAFT M.B.H.

待添加简介