

External Funding Prof. Wolfgang Fichtner 1986 - 2010

Currency: Swiss Francs (CHF)

Funding Institution	Prof.	Project Title	Project Start	Project End	Public Funding	Contribution Industry
KTI	Fichtner	Numerische Simulation elektronischer Halbleiterbauelemente	01.01.1986	30.04.1989	110,750.00	
KTI	Fichtner	Expertensystem zur Konfiguration von Messinstrumenten	01.01.1987	31.12.1990	157,000.00	
Industrie	Fichtner	3D-Device Simulation	01.05.1987	31.03.1989		300,000.00
SNF	Fichtner	Conception automatisee de circuits analogiques	01.01.1988	31.12.1991	163,000.00	
KTI	Fichtner	KWF DECT Automatische Generierung und Charakterisierung von IC-Layout-Modulen	01.01.1988	30.06.1991	158,600.00	
SNF	Fichtner	Design und Implementation eines VLSI Systems	01.04.1988	31.03.1991	913,000.00	
FSRM	Fichtner	Symbolic Analysis of Mixed Sampled/Time-Continuous Analog Circuits	01.01.1989	31.12.1991	350,000.00	
SNF	Fichtner	NF-OS Betriebssystem für Parallelrechner mit verteilten Speichersystemen	01.04.1989	31.11.1991	336,000.00	
Industrie	Fichtner	Numerical Simulation of Combined VLSI/Circuit Structures	01.04.1989	31.05.1994		330,000.00
SNF	Fichtner	Modellierung von Integrierten Magnetfeldsensoren	01.10.1989	31.03.1992	272,760.00	
EU (EIT)	Fichtner	K2: A Distributed-Memory Parallel Architecture	01.12.1989	30.11.1992	180,000.00	
KTI	Fichtner	Simulationswerkzeuge zur Modellierung von Hochleistungsbauelementen	01.01.1990	30.04.1992	269,800.00	
Industrie	Fichtner	ABB Support Simulation von Halbleiterbauelementen	01.07.1990	30.06.1992		120,000.00

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KTI	Fichtner	KWF ESEC Datareduction with VLSI Circuits for high-speed Image Processing	01.10.1990	31.12.1992	259,704.00	
FSRM	Fichtner	Prozess-Simulation - CAD Werkzeug zur Charakterisierung und Optimierung von Halbleitertechnologien	01.01.1991	31.12.1993	417,000.00	
KTI	Fichtner	KWF ASCOM VLSI Implementation. Final Statistical-Testing/Specification, and Protocols for Key Distribution for a New Block Cipher Algorithm	01.02.1991	30.04.1993	400,000.00	
SNF	Fichtner	NF-PARA Automatische Parallelisierung serieller Programme auf parallelen Rechnern mit verteilten Speichern	01.04.1991	30.09.1992	157,000.00	
SPP LESIT	Fichtner	FAS1 Electrostatic Discharge and I/O Protection	01.01.1992	31.12.1996	160,000.00	
SPP LESIT	Fichtner	JP1 Device/Circuit Simulation and Design	01.01.1992	31.12.1996	392,000.00	
SPP LESIT	Fichtner	JP3 Device/Circuit Characterization	01.01.1992	31.12.1996	337,000.00	
SPP LESIT	Fichtner	ABB1 BiCMOS Power Device Technology	01.01.1992	31.12.1996	1,949,000.00	
SPP LESIT	Fichtner	ABB2 BiCMOS for Traction and Large Drives	01.01.1992	31.12.1995	215,000.00	
SPP LESIT	Fichtner	ABB3 BiCMOS Devices for Medium Power AC-Drives and Switch-Mode Power Supplies	01.01.1992	31.12.1995	265,000.00	
SPP LESIT	Fichtner	EM1 BiCMOS Smart Power Technology Development	01.01.1992	31.12.1995	1,356,000.00	
SPP LESIT	Fichtner	EM2 BiCMOS Device Circuit/Characterization	01.01.1992	31.03.1996	280,000.00	
SPP LESIT	Fichtner	EM3 BiCMOS Library Development	01.01.1992	31.12.1995	230,000.00	

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SPP LESIT	Fichtner	JP2 Device Circuit and Design Simulation	01.01.1992	31.12.1995	325,000.00	
SPP LESIT	Fichtner	TAG1 Dynamic Performance of Power Devices	01.01.1992	31.12.1994	240,000.00	
SNF	Fichtner	NF-Numerik Numerische Algorithmen zur Lösung nichtsymmetrischer Gleichungssysteme auf Vektor- und Parallelrechnern	01.01.1992	31.03.1993	117,306.00	
BBW	Fichtner	ESPRIT DESSIS - Device Simulation for Smart Integrated Systems	01.06.1992	31.05.1995	670,390.00	0.00
FSRM	Fichtner	FSRM-BiCMOS Fast BiCMOS Circuits for Communication Systems	01.06.1992	31.05.1994	360,000.00	
KTI	Fichtner	KWF-FASELEC	1.7.1992	30.6.1996	607,000.00	
SPP LESIT	Fichtner	EP1 Bipolar Technology Options for BiCMOS Processes	01.01.1993	31.12.1995	120,000.00	
KTI	Fichtner	KWF Marin Development of a new Matalization Technology for ambitious Topographies	01.04.1993	31.03.1996	190,100.00	
KTI	Fichtner	KWF NARI VLSI Components for Broadband Communication Systems	01.04.1993	31.03.1995	341,119.00	
BBW	Fichtner	ESPRIT PROMPT Process Optimization in Multiple Dimensions for Semiconductor Technology	01.02.1994	30.06.1996	1,095,093.00	0.00
Industrie	Fichtner	ISE TCAD	4.11.1994	31.1.1999	0.00	318,737.00
MicroSwiss	Fichtner	VHDL Bibliothek arithmetischer Baublöcke in VHDL	01.10.1995	30.11.1997	197,000.00	
Industrie	Fichtner	CRAY J90 Supercluster Parallel Multigrid Methods for the Continuity Equations in Semiconductor Device Simulation A Sparse Direct Solver for Large Structurally Symmetric Linear Systems	01.11.1995	31.10.1997		250,000.00

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SPP MINAST	Fichtner	EMSIM Development of an Electromagnetics Simulation Platform for Microsystems and Wireless Technology	01.01.1996	31.12.1998	859,800.00	0.00
SPP MINAST	Fichtner	PACKSIM Design, Simulation and Optimization of Microsystem Packages	01.01.1996	31.12.1998	961,000.00	0.00
SPP MINAST	Fichtner	SIMNAD Simulation and Modeling of Nano Devices	01.01.1996	31.12.1999	497,000.00	0.00
MicroSwiss	Fichtner	Mitarbeit Tool Verbund (Support)	01.01.1996	31.12.1996	60,000.00	
SPP MINAST	Fichtner	EIM Endoscopic Imaging Microsystem	01.01.1996	31.12.1999	430,000.00	
BBW	Fichtner	ESPRIT RAPSDRA Reliability of Advanced High Power Semiconductor Devices for Railway Traction Application	01.01.1996	31.12.1998	115,330.00	
ETH	Fichtner	L&F Mikroelektronik 96-98	1.1.1996	31.12.1998	960,000.00	
KTI, JESSI	Fichtner	ADRIA Advanced Digital Radio Integrated Architectures	01.04.1996	31.03.1998	606,500.00	0.00
KTI	Fichtner	ABB-Diode IGBT-Modul Analyse und Optimierung von IGBT-Modul Packages	01.04.1996	31.03.1999	268,300.00	
KTI	Fichtner	OPTOELEKTRONIK Exakte Simulation der Ladungsträgererzeugung in optoelektronischen Halbleiterbauelementen	01.04.1996	31.03.1998	284,900.00	0.00
KTI	Fichtner	MARIN96 Analyse und Modellisierung der Alterungseigenschaften von Metallisierungssystemen	01.04.1996	31.03.1998	222,922.00	
KTI	Fichtner	OPTIMIERUNG Automatische Optimierung der Eingabeparameter von Prozess- und Device Halbleitersimulationen	01.04.1996	31.03.1998	388,800.00	12,000.00
SNF	Fichtner	NF-Transport First-Principle Based Transport Modeling of Deep-Submicron Silicon Devices	01.04.1996	31.03.1999	116,000.00	

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MicroSwiss	Fichtner	Integrationsbeitrag Intensive Course on ASIC Design and Test	01.05.1996	31.12.1998	120,000.00	
Industrie	Fichtner	LSI Logic Inc. Modeling and Simulation of Hot-Carrier Degradation in Submicron MOSFETs	01.08.1996	31.07.1999		225,000.00
Industrie	Fichtner	Shindengen Ltd Japan Development of Device Simulators	01.09.1996	31.08.1997		118,000.00
KTI	Fichtner	ITRASYS Terminal Multiplexer der synchronen digitalen Hierarchie	01.10.1996	30.09.1998	413,900.00	
KTI	Fichtner	SIGU Synchrone intelligente Gate Unit zur Ansteuerung von parallel- und seriengeschalteten IGBTs	01.10.1996	30.09.1999	696,000.00	
KTI	Fichtner	Thyristor Neue Konzepte für Hochleistungs-Netzthyristoren mit über 10kV Sperrspannung	01.10.1996	30.09.2000	215,000.00	
BBW	Fichtner	ESPRIT ESDM ESD Protection Design Methodology	01.01.1997	31.12.1998	666,800.00	
SPP MINAST	Fichtner	BONDOPT Simulation and Optimization of Wire Bond Connections	01.01.1997	03.06.1999	460,700.00	0.00
Industrie	Fichtner	ISE PSIM	01.01.1997	31.12.2000	0.00	264,884.00
BBW	Fichtner	ESPRIT PROMPT II Process Optimization in Multiple Dimensions for Semiconductor Technology II	01.02.1997	31.01.1999	840,000.00	
MicroSwiss	Fichtner	Deep Submicron High Level Design with Deep Submicron Technology	01.06.1997	31.12.1998	200,000.00	
Industrie	Fichtner	NSC USA TCAD Calibration	01.07.1997	31.06.1998		71,000.00
BEW	Fichtner	Trench-IGBT Vergleich von Bauelementkonzepten für MOS-kontrollierte Hochspannungs-Leistungshalbleiter mit dem Trench-IGBT	01.09.1997	31.08.1998	58,000.00	

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BEW	Fichtner	IGBT-Modul Analyse und Optimierung von IGBT-Modul Packages	01.09.1997	31.08.1998	90,000.00	
Industrie	Fichtner	PARASITICS Parasitäre Effekte in integrierten Schaltungen	01.10.1997	30.09.1999		132,000.00
Industrie	Fichtner	ASCOM IDEA VLSI Design für Kryptographieanwendungen	01.11.1997	28.02.1998		121,676.00
Industrie	Fichtner	ASCOM Modulo	01.11.1997	31.11.1998		93,750.00
BBW	Fichtner	ESPRIT ADAMO Adaptive Antennas in Mobile Terminals for Wireless Broadband Communications	01.01.1998	31.12.1999	483,000.00	
KTI	Fichtner	EUREKA-CARE	01.01.1998	30.04.1998	23,000.00	
Industrie	Fichtner	Aufträge Physikalische Charakterisierung	01.01.1998	31.12.1998		21,000.00
Industrie	Fichtner	Kleinaufträge	01.01.1998	31.12.1998		80,000.00
Industrie	Fichtner	Industriepool Physikalische Charakterisierung	01.01.1998	31.12.1998		88,000.00
Industrie	Fichtner	Lizenzen EMLAB & TED	1.3.1998	31.12.2002	0.00	34,200.00
KTI	Fichtner	DSP Philips Low-Power Silicon Architectures for Multistandard Radio Systems	01.04.1998	31.03.2000	355,000.00	
SNF	Fichtner	SP3M Scanning Probe Microscopy assisted Modeling in Microelectronics	01.04.1998	31.03.1999	130,000.00	
KTI	Fichtner	ITRASYS 2 Add-dropp / Terminal Multiplexer der synchronen digitalen Hierarchie (SDH) Phase II	01.10.1998	30.09.2000	436,514.00	

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KTI	Fichtner	Numerik Effiziente numerische Methoden zur parallelen direkten Lösung von linearen Gleichungssystemen aus der Prozessa- und Halbleiterbauelemente-Simulation	01.10.1998	30.09.2000	272,000.00	12,000.00
BBW	Fichtner	ESPRIT QUCUISS Quantum Currents in Silicon Structures	01.10.1998	30.09.1999	104,000.00	0.00
Industrie	Fichtner	GALS for Reuse	30.10.1998	31.12.1900		209,000.00
Industrie	Fichtner	Timingkonvergenz im Deep Submicron Entwurf	1.1.1999	31.12.2000	0.00	
BBW	Fichtner	ESPRIT SUBSAFE Substrate Current Safe Smart Power IC Design Methodology	1.1.1999	30.6.1901	604,000.00	0.00
Industrie	Fichtner	Lizenzen TCAD	1.1.1999	31.12.1999	0.00	123,000.00
Industrie	Fichtner	Lizenzen Mobility	1.1.1999	31.12.2001	0.00	10,160.00
ETH	Fichtner	L&F Mikroelektronik 98-01	1.1.1999	31.12.2001	450,000.00	
KTI	Fichtner	Analoge Mikroelektronik in der Medizintechnik II	1.3.1999	28.2.2001	236,000.00	23,000.00
KTI	Fichtner	Hybrid-Simulatoren für sub-0.1 μ -Halbleiter-Bauelemente	1.4.1999	31.3.2002	465,276.00	36,000.00
KTI	Fichtner	Entwicklung eines Programmes zur Simulation von Quantenwell Lasern	1.4.1999	31.3.2002	416,810.00	36,000.00
BBW	Fichtner	IST MAGIC FEAT Meshes and Global Integration for Semiconductor Front-End Simulation	1.1.2000	31.12.2002	639,000.00	0.00
Industrie	Fichtner	BfS-SAR Spezifische Absorptionsrate	1.1.2000	30.6.2001		102,000.00

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Industrie	Fichtner	ISE MAGIC-FEAT Meshes and Global Integration for Semiconductor Front-End Simulation	1.1.2000	31.12.2002	0.00	155,350.00
Industrie	Fichtner	Zukünftige Informationstechnologien	1.1.2000	22.12.2002		114,000.00
BBW	Fichtner	CT REFLEX Risk Evaluation of Potential Environmental Hazards from Low Energy Electromagnetic Field Exposure using Sensitive In Vitro Methods	1.2.2000	31.1.2003	615,240.00	
KTI	Fichtner	SEMCAD++ Extension/Improvement of the TCAD Engine SEMCAD for Antenna/EMC	1.2.2000	31.3.2003	582,000.00	27,000.00
BBW	Fichtner	IST NANOTCAD Nanotechnology Computer Aided Design	1.4.2000	31.3.2003	415,000.00	
Industrie	Fichtner	Modeling of the high-frequency SOI power MOSFET	1.4.2000	31.3.2001	0.00	60,000.00
Industrie	Fichtner	Noise Calibration in Advanced Bipolar Semiconductor Technologies	1.4.2000	30.9.2001	0.00	235,000.00
SNF	Fichtner	Modeling and Simulation of Correlated Carrier Transport in Semiconductor Devices	1.4.2000	31.3.2002	72,348.00	0.00
KTI	Fichtner	Effiziente numerische Methoden zur parallelen, direkten Lösung von linearen Gleichungssystemen aus der Prozess- und Halbleiterbauelemente-Simulation	1.7.2000	30.6.2002	357,000.00	124,000.00
Industrie	Fichtner	diAx Mobil Definieren der Messmethodik und verkleinern der Messunsicherheit bei Immissionemessungen in Wohn- und Geschäftsräumen	1.8.2000	30.3.2004	0.00	172,000.00
KTI	Fichtner	Netzwerkprozessor für LAN/WAN Bridging im Umfeld professioneller Multimedia Content Produktion	1.8.2000	31.1.2002	580,000.00	18,000.00
KTI	Fichtner	IRRQ Testable Low-Power Architectures for multi-Standard Radio Systems	1.8.2000	30.6.2003	393,700.00	24,000.00
KTI	Fichtner	Energy-Efficient Processing of Speech Data	1.8.2000	30.10.2003	182,500.00	27,000.00

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TopNano21	Fichtner	VCSELS Numerical Simulation of Vertical-Cavity Surface-Emitting Laser Diodes	1.10.2000	30.9.2003	335,500.00	34,000.00
BBW	Fichtner	RTN HERCULAS High Resolution Electrical Characterization of ULSI and Advanced Semiconductor Devices	1.10.2000	31.3.2004	188,160.00	
BBW	Fichtner	GRD HIMRATE High-Temperature IGBT- and MOSFET-Modules for Railway Traction and Automotive Electronic Application	1.11.2000	31.10.2003	677,810.00	
KTI	Fichtner	ABB-ELMAG	1.1.2001	31.12.2003	299,300.00	180,000.00
Industrie	Fichtner	Toyota IGBT Total simulation between electrical and thermal effect for automobile IGBT modules	1.2.2001	31.1.2002	0.00	96,000.00
Industrie	Fichtner	Lucent MIMO	1.3.2001	28.2.2002	0.00	68,000.00
Industrie	Fichtner	GALS 2 Towards practical GALS circuits	1.4.2001	30.9.2003	0.00	296,000.00
SNF	Fichtner	SP3M Part 2 Scanning Probe Microscopy assisted Modeling in Microelectronics	1.7.2001	30.6.2003	100,000.00	
BBW	Fichtner	IST DEMAND Integrated Design Methodology for Enhanced Device Robustness	1.9.2001	31.8.2004	783,800.00	
Industrie	Fichtner	ASDESE Application Specific Design for ESD and Substrate Effects	1.9.2001	28.2.2003	0.00	100,000.00
Industrie	Fichtner	ISE Fujitsu Fotodetector Intraband photon absorption in multi-quantum-well (MQW) structures	1.12.2001	30.6.2002	0.00	89,000.00
TopNano21	Fichtner	MOLDYN Improvement of Semiconductor Process Simulator by Atomistic Simulation Techniques	1.1.2002	31.12.2004	390,250.00	44,000.00
Industrie	Fichtner	Lucent MIMO 2	1.3.2002	28.2.2003	0.00	75,000.00

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KTI	Fichtner	LANWAN 2 Netzwerkprozessor für LAN/WAN Bridging im Umfeld professioneller Multimedia Content Produktionen 2	1.5.2002	30.4.2004	536,100.00	18,000.00
BBW	Fichtner	IST UPPER+ User Group for Process Simulation European Research + Device Simulation	1.7.2002	30.6.2004	19,195.00	
ETH	Fichtner	TH-MIMO-OFDM	1.7.2002	30.6.2005	329,000.00	
Industrie	Fichtner	Fujitsu MOSFET Analysis and Simulation of SOI MOSFET Semiconductor Technology	1.10.2002	31.3.2003	0.00	34,000.00
KTI	Fichtner	TD Sensor	1.11.2002	31.12.2003	135,500.00	48,000.00
Industrie	Fichtner	Zukünftige Informationstechnologien	23.12.2002	31.12.2007		1,628,000.00
ETH	Fichtner	TH-CSE-SEP	1.1.2003	31.12.2004	90,000.00	
Industrie	Fichtner	Fujitsu MOSFET 2 Analysis and Simulation of SOI MOSFET Semiconductor Technology 2	1.4.2003	31.3.2004		46,000.00
KTI	Fichtner	LASSIS Large and Smal Signal Analysis Methods for Physical Semiconductor Devices – Harmonic Balance and Optical AC Analysis	1.6.2003	31.5.2006	484,330.00	48,433.00
KTI	Fichtner	MICROPOWER Micropower Circuits for Digital Hearing Aids	1.10.2003	30.9.2005	273,500.00	46,000.00
KTI	Fichtner	ULTRACOM Channel Model of the Human Body for Medical Monitoring Systems	1.10.2003	30.3.2005	455,250.00	19,000.00
Industrie	Fichtner	Infineon ESD Bauelementesimulation von ESD Schutzelementen	1.10.2003	30.9.2004	0.00	184,800.00
KTI	Fichtner	PARA-TCAD Parametric Design and Analysis for Semiconductor Technology Computer Aided Design	1.11.2003	31.10.2005	230,500.00	100,000.00

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BBW	Fichtner	IST-SINANO Silicon Based Nanodevices	1.1.2004	31.12.2006	330,000.00	0.00
Industrie	Fichtner	ISE MODEL Model Development for Advanced CMOS and Bipolar Technologies	1.1.2004	31.12.2004	0.00	124,000.00
ETH	Fichtner	L&F Mikroelektronik 2004	1.1.2004	31.12.2004	51,000.00	
Industrie	Fichtner	Siemens MAGIC MIMO-OFDM Algorithm Implementation for Future Mobile Communications	1.2.2004	30.9.2004	0.00	100,000.00
Industrie	Fichtner	Fujitsu MOSFET 3 Analysis and Simulation of SOI MOSFET Semiconductor Technology 2	1.4.2004	31.3.2005		40,000.00
ETH	Fichtner	TH-Opto Lab	1.7.2004	31.12.2006	440,000.00	
KTI	Fichtner	TD-SENSOR Optical Link FR-Field Sensor for Time and Frequency Domain Measurements	1.9.2004	31.8.2006	455,320.00	102,000.00
SNF	Fichtner	SNF-CODOPING Raise of Active n-Dopant Concentration in Silicon by Codoping	1.10.2004	30.9.2006	138,086.00	0.00
Industrie	Fichtner	ISE Lizenzen	1.11.2004	30.10.2007	197,743.00	
ETH	Fichtner	L&F Mikroelektronik 2005	1.1.2005	31.12.2005	100,000.00	
EC	Fichtner	IST-SUGERT Strategic User Group for European Research on TCAD	1.2.2005	31.1.2008	45,000.00	0.00
EC	Fichtner	PORTES Power Reliability for Traction Electronics	1.2.2005	31.1.2008	396,000.00	
KTI	Fichtner	MIMO Multi-standard Software Defined Radio for Multimedia Applications	1.3.2005	31.8.2006	387,200.00	63,500.00

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SNF	Fichtner	SNF-ROBUST Robust Iterative Solvers for Linear Systems in Nanoelectronic Computational Science	1.4.2005	31.3.2007	156,744.00	0.00
Industrie	Fichtner	Fujitsu MOSFET 4 Analysis of Double Gate SOI (DGSOI) MOSFETs	1.4.2005	31.3.2006		45,000.00
SNF	Fichtner	SNF-NEQUATTRO Non-equilibrium quantum transport in semiconductor nanostructures: bridging the ballistic and dissipative regimes	1.10.2005	30.9.2007	160,826.00	0.00
EC	Fichtner	MASCOT Multiple Access Space-Time Coding Testbed v	1.1.2006	31.1.2009	1,007,000.00	0.00
ETH	Fichtner	L&F Mikroelektronik 2006	1.1.2006	31.12.2006	100,000.00	
Industrie	Fichtner	Fujitsu MOSFET 5 Analysis of Double Gate SOI (DGSOI) MOSFETs	1.4.2006	31.3.2007		22,000.00
EC	Fichtner	PULLNANO Pulling the limits of NANOCmos electronics	1.6.2006	31.12.2008	289,000.00	0.00
KTI	Fichtner	ATOMDIFF Improvement of Dopant Diffusion and Activation Models in Strained Silicon by <i>Ab Initio</i> Simulations on the Atomic Scale	1.7.2006	30.5.2010	515,189.00	63,000.00
KTI	Fichtner	MIMO 2 Algorithms and Software-Programmable VLSI Architectures for Multi-Antenna Wireless LAN	1.10.2006	28.2.2008	236,000.00	24,000.00
KTI	Fichtner	ENCRYPT Quantum Cryptography Based Point-to-Point Secure Data Communication System (Phase I)	1.10.2006	30.9.2007	100,780.00	26,000.00
Industrie	Fichtner	Packaging	1.12.2006	31.8.2009		135,000.00
ETH	Fichtner	L&F Mikroelektronik 2007	1.1.2007	31.12.2007	100,000.00	
Industrie	Fichtner	PORTES Power Reliability for Traction Electronics	1.2.2007	31.1.2009		65,000.00

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SNF	Fichtner	SNF-NEQUATTRO 2 Non-equilibrium quantum transport in semiconductor nanostructures: bridging the ballistic and dissipative regimes	1.10.2007	30.9.2008	94,179.00	0.00
Industrie	Fichtner	Design for Reliability (DfR) for SPT9	1.1.2008	31.12.2010		418,000.00
Industrie	Fichtner	Zukünftige Informationstechnologien	1.1.2008	31.12.2013		1,200,000.00
KTI	Fichtner	Algorithmen und Architekturen für drahtlose Heimnetzwerke der nächsten Generation	1.3.2008	31.8.2009	471,735.00	25,500.00
Industrie	Fichtner	Green Solver	1.7.2008	31.12.2028		30,000.00
KTI	Fichtner	EBX-Link Modeling and Optimization of Electron Beam Cross-Linking Processes for Electrical Wires, Cables, and Optical Fibers	1.9.2008	31.8.2011	244,600.00	26,000.00
Industrie	Fichtner	EVAL-LITHO Evaluation and Comparison of Monte-Carlo Simulation Codes for Modeling of Electron Beam Lithography	1.9.2008	28.2.2009		33,000.00
Industrie	Fichtner	MEMS Physics Based Simulation and Physical Characterization of MEMS	1.10.2008	30.9.2010		120,000.00
Industrie	Fichtner	SimnIC	20.10.2008			34,143.00
KTI	Fichtner	ENCRYPT II Quantum Cryptography Based Point-to-Point Secure Data Communication System (Phase II)	1.12.2008	31.5.2010	190,865.00	23,000.00
Industrie	Fichtner	DEVICE Multi physics simulation and modeling of advanced CMOS technologies	31.12.2008	31.12.2011		90,000.00
SPP	Fichtner	NT-QCRYPT Secure High-Speed Communication based on Quantum Key Distribution	1.3.2010	28.2.2013	442,000.00	
SPP	Fichtner	NT-ENABLER Enabling Energy Efficient Tunnel FET-CMOS Co-design by Compact Modeling and Simulation	1.5.2010	30.4.2012	160,000.00	

External Funding Prof. Wolfgang Fichtner 1986 - 2010

Currency: Swiss Francs (CHF)

Funding Institution	Prof.	Project Title	Project Start	Project End	Public Funding	Contribution Industry
EC	Fichtner	ATEMOX Advanced TEchnology MOdelling for eXtra-functionality devices	1.7.2010	30.6.2013	213,000.00	
Industrie	Fichtner	Disney-CRFA A programmable, high performance camera-computation unit for broadcasting and stereo video acquisition	1.7.2010	30.6.2012		97,391.00
Industrie	Fichtner	BID-TS Internship Bor-Interstitial Diffusion in Tensile Silicon	1.10.2010	31.12.2010		20,000.00

Sum Public Funding	CHF	43,285,424.00
Sum Contribution from Industry	CHF	10,001,164.00
Sum License Fee from Industry	CHF	167,360.00
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Total Sum	CHF	53,453,948.00