

| acronym                         | name  | start_date | end_date | external_reference                            | grant_type_id   | type    |
|---------------------------------|---|------------|----------|---|---|---------|
| Naesens Project                 | Free collaboration between KUL research group   | 1/01/19    | 31/12/20 |   | - Onderzoeksfinanciering  | Project |
|                                 | Ugentec   | 1/12/14    | 1/06/16  |   | BIL - Bilateral Scientific Cooperation  | Other   |
| BIL99/18                        | Identification of linear and nonlinear systems  | 20/12/99   | 19/12/02 | BIL99/18                                      | BIL - Bilateral Scientific Cooperation  | Project |
| MaNet                           | Mathematical engineering tools for Networks: Data driven mining, identification, control and optimization   | 1/10/09    | 30/09/15 | Prop submit #GOA-10-009                       | BOF GOA - BOF Geconcerteerde Onderzoeksacties   | Project |
| AMBioRICS                       | Algorithms for Medical and Biological Research, Integration, Computation and Software   | 1/10/04    | 30/09/09 | GOA/2005/11                                   | BOF GOA - BOF Geconcerteerde Onderzoeksacties   | Project |
| MIPS                            | Engineering concepts and mathematics for model-based information processing systems MIPS  | 1/01/95    | 31/12/01 |   | BOF GOA - BOF Geconcerteerde Onderzoeksacties   | Project |
| BIL00/17/Polen                  | BoF- BIL00/17/Polen   | 11/12/00   | 10/12/03 | BIL00/17                                      | BOF-BIL -   | Project |
| SymBioSys I                     | K.U.Leuven Center for Computational Systems Biology   | 1/11/05    | 31/10/12 | EF/05/007                                     | BOF-CoE -   | Project |
| BOF-Fellow-Woerdeman            | Positive maps, sums of squares and their applications in quantum information  | 1/04/02    | 30/03/05 | F/02/017 WOERDEMAN H                          | BOF-Fellowship -  | Mandaat |
| BOF-PDM-Aerts                   | "Systems Biology". Functional and evolutionary analysis of gene regulatory networks involved in neuronal development in Metazoa by integrating bioinformatics, genomics and genetics.               | 1/10/04    | 30/09/05 | PDM/04/254                                    | BOF-PDM - PDM: Postdoctoral Fellowships   | Mandaat |
| BOF-PDM-DeSmet                  | Clinical applications of the analysis of transcriptomic and proteomic patterns.   | 1/10/04    | 30/09/05 | PDM/04/160                                    | BOF-PDM - PDM: Postdoctoral Fellowships   | Mandaat |
| BOF-PDM-Thijs                   | Implementation of an integrated platform to decipher the regulatory mechanism in higher eukaryotes.   | 1/01/04    | 31/12/04 | PDM/03/167                                    | BOF-PDM - PDM: Postdoctoral Fellowships   | Mandaat |
| BOF-Sheng                       | Gibbs biclustering for systems biomedicine.   | 1/01/00    | 1/01/01  | BOF-DB/04/019                                 | BOF-PhD - BOF- PhD Fellowship   | Mandaat |
|                                 | Biomarker discovery in endometriosis using a transcriptomic/proteomic approach  | 1/10/09    | 30/09/13 | OT/09/052 als toeleverancier, OT met Dho      | BOF-Research - BOF Research Programmes  | Project |
| Genetic Network Inference       | Development of a generic methodology for genetic network inference  | 10/01/01   | 30/09/06 | 00/004  | BOF-Research - BOF Research Programmes  | Project |
| nD                              | nD: Multidimensional dynamical systems, multi-linear numerical algorithms and tensor data   | 1/10/15    | 30/09/22 | BOF-C1-C16/15/059                             | C1 - KU Leuven Category 1 Funding   | Project |
| Idea-Musa Subcontracting for C2 | Optimal Planning of Surgery for Gynaecology Patients  | 1/09/21    | 31/08/25 |   | C2 - KU Leuven Category 2 Funding   | Project |
| IPoC C2 - Subcontracting - BDM  | Immune profiling of CIDP (IPoC)   | 1/09/19    | 31/08/23 |   | C2 - KU Leuven Category 2 Funding   | Project |
| The Leuven Chansonnier          | Researching and Valorizing Franco-Flemish Polyphony with High-High-Technology Tools   | 1/10/18    | 30/09/22 | C24/18/022                                    | C2 - KU Leuven Category 2 Funding   | Project |
| Aida                            | AI tools for Curation of Clinical registries  | 1/09/21    | 31/08/23 | C3/20/117                                     | C3 - KU Leuven Category 3 Funding   | Project |
| IOTA-AI                         | AI-assisted automated detection of ovarian cancer on ultrasound imaging   | 1/09/21    | 31/08/23 | C31-21-00316                                  | C3 - KU Leuven Category 3 Funding   | Project |
| C3 Milan                        | Next-generation pathology by MILAN multiplex analysis and advanced trainable image analysis.  | 1/04/20    | 30/06/22 |   | C3 - KU Leuven Category 3 Funding   | Project |
| Subcontracting for C3           | Immune-profile-directed stratification of patients with rheumatoid arthritis  | 1/10/18    | 30/09/20 | C32-18-041                                    | C3 - KU Leuven Category 3 Funding   | Project |
| CDM                             | Clinical Data Miner - an electronic data capture software framework for supporting clinical research  | 1/10/16    | 30/09/18 | C32/16/013                                    | C3 - KU Leuven Category 3 Funding   | Project |
| Capsugel                        | Capsugel - Modelling and control of the dipping section of a capsule manufacturing process  | 12/06/18   | 11/10/18 |   | Consultancy - Consultancy   | Project |
| IOTA ADNEX                      | Integration and validation of the IOTA ADNEX model in GE ultrasound equipment   | 11/06/18   | 30/04/20 |   | Consultancy - Consultancy   | Project |
|                                 | Implementatie van een niet-lineair Model Predictive Control Sturingsstelsel voor het Demerbekken  | 1/01/14    | 31/12/16 |   | Consultancy - Consultancy   | Project |
| ENZYMARES                       | Enzyme prediction toolbox   | 1/09/21    | 31/08/25 | HBC.2021.0076                                 | cSBO - Cluster SBO  | Project |
| IBD4Health summer school 2017   | Big Data Challenges for Healthy Living and Active Aging   | 1/02/17    | 31/12/17 |   | EIT Health - Promoting entrepreneurship and innovates in healthy living and active ageing | Project |
|                                 | Summer School Innovation on BiG Data for Healthy Living   | 1/01/16    | 31/12/16 |   | EIT Health - Promoting entrepreneurship and innovates in healthy living and active ageing | Other   |
| MOOC                            | New MOOC - Data Analytics in Health   | 1/01/16    | 31/12/17 |   | EIT Health - Promoting entrepreneurship and innovates in healthy living and active ageing | Project |
| SeLMA                           | Structured Low-Rank Matrix/Tensor Approximation: Numerical Optimization-Based Algorithms and Applications   | 1/01/18    | 31/12/21 | EOS project G0F6718N                          | EOS - EOS   | Project |
| Back to the Roots               | Back to the roots of data-driven dynamical system identification  | 1/01/21    | 31/12/25 |   | 885682 ERC Adv - ERC Adv  | Project |
|                                 | Cost Action BM 1104 Mass Spectrometry Imaging : New Tools for Healthcare Research   | 23/11/11   | 22/11/15 | BM1104  | EU COST - European Cooperation in Science and Technology                                  | Project |
| MIDAS                           | Meaningful Integration of Data, Analytics and Services  | 1/11/16    | 28/02/20 | H2020-SC1-2016-2017 Grant Agreement No.727721 | EU Other - Other  | Project |
| BIOPTRAIN                       | Bioinformatics & Optimisation Training  | 1/09/05    | 31/08/09 | EST-CT-2004-7597                              | EU Other - Other  | Project |
| EC-EDITH                        | European doctorate on information technology  | 1/01/05    | 31/12/07 | MEST-CT-2004-504195                           | EU Other - Other  | Project |
| BIOPATTERN                      | Computational intelligence for biopattern analysis in support of e-Healthcare.  | 1/01/04    | 31/03/08 | IST-508803 3E040444                           | EU Other - Other  | Project |
| QUPRODIS                        | Quantum properties of distributed systems   | 1/01/03    | 1/01/05  | IST-2001-38877                                | EU Other - Other  | Project |
| prostate cancer                 | Towards the identification of the true high-risk prostate cancer patient  | 1/07/12    | 30/06/15 | KPC-29-023_kankerplan_Haustermans_2012        | FOD - FOD Volksgezondheid, veiligheid van de voedselketen en leefmilieu-cel kankerplan    | Project |
|                                 | Mechanistic insight in biological system dynamics and hierarchical modular gene regulation mechanisms in prokaryotes by integrating datamining, control engineering and systems biology techniques. | 1/10/07    | 30/09/08 | 3E040232                                      | FWO Asp - FWO Aspirant: PhD Fellowship  | Mandaat |
| PhD-dHollander                  |   | 1/10/07    | 30/09/10 | G.0.686.08.N.10                               | FWO Asp - FWO Aspirant: PhD Fellowship  | Mandaat |
| PhD-Daemen                      | Development of Clinical Decision Support Systems for Breast Cancer  | 1/10/07    | 30/09/10 | G.0.686.08.N.10                               | FWO Asp - FWO Aspirant: PhD Fellowship  | Mandaat |

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|----------------------------|--|---------|----------|-------------------------------|--|---|---------|
| PhD-Van Loo                | In silico and in vitro detection of cis-regulatory modules in coregulated genes. Application to the differentiation of (cancer)cell lines.   | 1/10/04 | 30/09/08 |                               |  | FWO Asp - FWO Aspirant: PhD Fellowship  | Mandaat |
| PhD-Vanluyten              | Subspace algorithms for multivariate system identification   | 1/10/03 | 30/09/07 |                               |  | FWO Asp - FWO Aspirant: PhD Fellowship  | Mandaat |
| FWO-phd-Schiettecatte      | Automatic generation of lightweight physical models using perceptual complexity reduction techniques   | 1/10/02 | 30/09/04 |                               |  | FWO Asp - FWO Aspirant: PhD Fellowship  | Mandaat |
| FWO-PhD-Goethals           | Canonical angles and conditioning of linear subspace identification techniques   | 1/10/01 | 30/09/05 | ASPH03                        |  | FWO Asp - FWO Aspirant: PhD Fellowship  | Mandaat |
| FWO-phd-DeBie              | Multilinear algebra : concepts, algorithms, and applications. Identification of genetic networks   | 1/10/00 | 1/09/04  |                               |  | FWO Asp - FWO Aspirant: PhD Fellowship  | Mandaat |
| The Library of Voices      | The Library of Voices - Unlocking the Alamire Foundation's Music Heritage Resources Collection through Visual and Sound Technology   | 1/01/18 | 31/12/21 | I013218N                      |  | FWO Infrastructure - FWO-Infrastructure | Project |
| WOG-ANMMM                  | Advanced numerical methods for mathematical modelling.   | 1/01/96 | 31/12/05 |                               |  | FWO other - Other FWO Grants            | Project |
| cancer patients            | Cancer patients and using data for personalized medicine   | 1/10/12 | 30/09/13 | FWO_Postdoc2_Olivier          |  | FWO PD - FWO Postdoctoral Fellowship    | Mandaat |
|                            | Bayesian networks and kernel methods: algorithms for the development of more accurate clinical decision support systems  | 1/10/09 | 30/09/13 | FWO postdoc2_ Olivier Gevaert |  | FWO PD - FWO Postdoctoral Fellowship    | Mandaat |
|                            | PDO Pelckmans  | 1/10/07 | 30/09/10 |                               |  | FWO PD - FWO Postdoctoral Fellowship    | Mandaat |
| PD-Aerts                   | System Biology of neuronal development   | 1/10/05 | 30/09/08 |                               |  | FWO PD - FWO Postdoctoral Fellowship    | Mandaat |
| FWO-PD-VanGestel           | Kernel regression methods for unsupervised learning and dynamic system identification  | 1/10/02 | 30/09/05 |                               |  | FWO PD - FWO Postdoctoral Fellowship    | Mandaat |
| FWO-PD-Marchal             | Development of a genetic network inference methodology within a Bayesian framework.  | 1/10/01 | 30/09/04 |                               |  | FWO PD - FWO Postdoctoral Fellowship    | Mandaat |
| FWO-PD-Moreau              | Probabilistic graphical models for computational biomedicine   | 1/10/99 | 30/09/05 |                               |  | FWO PD - FWO Postdoctoral Fellowship    | Mandaat |
| Neural circuits            | Application of system identification tools to neural circuits  | 1/10/12 | 31/12/15 | G.0871.12N                    |  | FWO Research Grant - FWO Research Grant | Project |
|                            | Can response to Epidermal Growth Factor Receptor antibodies in patients with metastatic Colorectal Cancer be predicted?  | 1/01/09 | 31/12/12 | G.0824.09                     |  | FWO Research Grant - FWO Research Grant | Project |
| Robust MHE                 | Moving horizon estimation: robust stability, robust performance and interaction with model predictive control  | 1/01/08 | 31/12/11 | G.0558.08                     |  | FWO Research Grant - FWO Research Grant | Project |
| Glycemie_2                 | Optimization and implementation of a control system aiming the normalization of glycemia of critically ill patients  | 1/01/08 | 31/12/11 | G.0557.08                     |  | FWO Research Grant - FWO Research Grant | Project |
| SVM and kernel methods     | Support Vector Machines and Kernel Based Learning: Advanced Algorithms   | 1/01/07 | 31/12/10 | G.0302.07                     |  | FWO Research Grant - FWO Research Grant | Project |
| VitaminD                   | Identification of genes and their regulatory motifs that are involved in antiproliferative signaling induced by 1,25-dihydroxyvitamin D3 or in the tissue-selective activity of vitamin D analogs. | 1/01/06 | 31/12/09 | G.0553.06                     |  | FWO Research Grant - FWO Research Grant | Project |
| Nonlinear Identification   | Identification of nonlinear systems and its applications to microwave systems.   | 1/01/05 | 31/12/08 | G.0211.05                     |  | FWO Research Grant - FWO Research Grant | Project |
| Aging_Swine                | Aging, the metabolic syndrome and cardiovascular diseases: study in the swine.   | 1/01/05 | 31/12/08 | G.0232.05                     |  | FWO Research Grant - FWO Research Grant | Project |
| Subfunctionalization       | Development of a computational method for studying subfunctionalization by transcriptional divergence of duplicated plant genes.   | 1/01/05 | 31/12/08 | G.0318.05                     |  | FWO Research Grant - FWO Research Grant | Project |
| Clinicoproteomics          | A clinicoproteomic study of patients with cervical and endometrial malignant tumours   | 1/01/05 | 31/12/08 | G.0457.05                     |  | FWO Research Grant - FWO Research Grant | Project |
| Functional Genomics        | Identification of novel functions, components and target genes for Sch9-or PKB-mediated signal transduction.   | 1/01/04 | 31/12/07 | G.0241.04                     |  | FWO Research Grant - FWO Research Grant | Project |
| Quantum                    | Developing new quantum algorithms  | 1/01/04 | 31/12/07 | G.0452.04                     |  | FWO Research Grant - FWO Research Grant | Project |
| Robust Statistics          | Integration of parametric robust methods and non-parametric kernel based methods.  | 1/01/04 | 31/12/07 | G.0499.04                     |  | FWO Research Grant - FWO Research Grant | Project |
| QIT                        | Quantum Informatics  | 1/01/03 | 31/12/06 | G.0120.03                     |  | FWO Research Grant - FWO Research Grant | Project |
| Bonatema -Ontologies       | Development of an ontology-based biological knowledge system for the acquisition of prior knowledge for use in bioinformatics algorithms   | 1/01/03 | 31/12/06 | G.0229.03                     |  | FWO Research Grant - FWO Research Grant | Project |
| Network inference          | Robust algorithms for regulatory network inference based on expression measurements and biological a prioir information  | 1/01/03 | 31/12/06 | G.0413.03                     |  | FWO Research Grant - FWO Research Grant | Project |
| Glycemie                   | Development of a control system for the optimization of glycemia in critically ill patients  | 1/01/03 | 31/12/06 | G.0491.03 3E020185            |  | FWO Research Grant - FWO Research Grant | Project |
| Side Channels              | The application of advanced techniques for system identification to study side channels for cryptographic algorithms: cryptanalysis and design   | 1/01/03 | 31/12/06 | G.0143.03                     |  | FWO Research Grant - FWO Research Grant | Project |
| MicroArray                 | Ovarian cancer management using microarrays  | 1/01/03 | 31/12/06 | G.0388.03                     |  | FWO Research Grant - FWO Research Grant | Project |
| SVM-Theory                 | Support vector machines and kernel methods : theory, algorithms and applications   | 1/01/02 | 31/12/05 | G.0407.02 3E010068            |  | FWO Research Grant - FWO Research Grant | Project |
| FWO                        | Development of algorithms for datamining in micro array experiments in oncology.   | 1/01/01 | 31/12/04 | G.0115.01                     |  | FWO Research Grant - FWO Research Grant | Project |
| Multilinear SVD            | Multilinear generalizations of the singular value decomposition and applications in signal processing and systems identification   | 1/01/99 | 31/12/02 | G.0240.99                     |  | FWO Research Grant - FWO Research Grant | Project |
| FWO-SB-Christof Vermeersch | Globally optimal least-squares system identification and model reduction   | 1/01/19 | 31/12/22 | SB/1S1319N.                   |  | FWO SB - FWO PhD, Strategic Basic       | Mandaat |

|   |  |          |          |                                 |   |         |
|---|--|----------|----------|---------------------------------|---|---------|
| SB Vaulet                                     | Unlocking interpretability of machine learning based clinical decision support systems.  | 1/01/18  | 31/12/21 | SB/1S93920N 1S93918             | FWO SB - FWO PhD, Strategic Basic   | Mandaat |
| The sound of music                            | Innovative research and valorization of plainchant through digital technology  | 1/01/20  | 31/12/23 | S005319N                        | FWO SBO - FWO Projects Strategic Basic Research                                   | Project |
|   | Direct detection and identification of neuro-oncology markers in brain tumours   | 1/10/19  | 30/09/23 | T001919N                        | FWO TBM - FWO Projects Applied Biomedical Research with a Primary Social finality | Project |
| AN MMM  | Geavanceerde numerieke methoden voor wiskundige modellering  | 1/01/06  | 31/12/10 |                                 | FWO WOG - FWO Research Network  | Other   |
| iMinds Interdisciplinair Coöperatief          | iMinds Interdisciplinair Coöperatief Onderzoek   | 1/01/16  | 31/12/16 | ISBO 2016                       | IBBT - iMinds (former IBBT)   | Project |
| IBBT FH department                            | IBBT ISBO - STRATEGISCH ONDERZOEK  | 1/01/12  | 31/12/12 | IBBT - 2012-ISBO                | IBBT - iMinds (former IBBT)   | Project |
| IBBT 2011                                     | IBBT 2011  | 1/01/11  | 31/12/11 | ISBO 2011                       | IBBT - iMinds (former IBBT)   | Project |
| MSIpad  | Mass Spectrometry Imaging for pathology and drug discovery   | 1/01/15  | 31/12/16 | ICON2014-bioi_MSIpad            | ICON - iMinds ICON  | Project |
| MyHealthData                                  | MyHealthData Scenarios for a patient s use of healthcare data  | 1/01/15  | 31/12/16 | ICON2014-bioi_MyHealthData      | ICON - iMinds ICON  | Project |
|   | Data-driven modeling techniques for indoor CO2 estimation  | 1/01/18  | 31/12/18 | ZL690173                        | IMEC B Funding - IMEC B-Funding   | Project |
|   | iMinds HQ Strategisch Basis onderzoek  | 1/01/15  | 31/12/15 |                                 | iMinds SBO - iMinds SBO Dotatie   | Project |
| iMinds Interdisciplinair Coöperatief          | iMinds Interdisciplinair Coöperatief Onderzoek   | 1/01/15  | 31/12/15 | ISBO 2015                       | iMinds SBO - iMinds SBO Dotatie   | Other   |
| iMinds SBO dotatie                            | iMinds Medical Information Technologies- SBO (dotatie)   | 1/01/14  | 31/12/14 | ISBO 2014                       | iMinds SBO - iMinds SBO Dotatie   | Project |
| iMinds SBO dotatie                            | iMinds SBO   | 1/01/13  | 31/12/13 | iMinds- 2013 ISBO SBO           | iMinds SBO - iMinds SBO Dotatie   | Other   |
| iMinds Interdisciplinair Coöperatief Onderzoe | iMinds Interdisciplinair Coöperatief Onderzoek   | 1/01/10  | 31/12/10 | ISBO 2010                       | iMinds SBO - iMinds SBO Dotatie   | Project |
| AI Research Program                           | Artificiële Intelligentie  | 1/07/19  | 31/12/22 | VR 2019 2203 DOC.0318/1QUATER   | Impuls AI - Impulsprogramma   | Project |
|   | Biomedical Data Analytics for Clinical and Patient Decision Support  | 1/08/14  | 31/08/99 | IOFM-13-0260                    | IOF - IOF-mandaten: Postdoctoral Fellowships                                      | Mandaat |
| Logic insulin                                 | towards LOGIC -Insulin as CE-proof medical device software   | 1/11/13  | 30/10/14 | IOF hefboom-13/027              | IOF - IOF-mandaten: Postdoctoral Fellowships                                      | Mandaat |
| endometriosis-proteomics                      | Noninvasive diagnosis of endometriosis based on plasma proteomics analysis   | 1/01/13  | 31/12/13 | IOF-HB-D                        | IOF - IOF-mandaten: Postdoctoral Fellowships                                      | Project |
| LOGIC-insulin                                 | Clinical validation and filing for regulatory approval of a blood glucose regulator for the Intensive Care Unit                                | 1/01/11  | 31/12/12 | IOF/HB/10/039                   | IOF - IOF-mandaten: Postdoctoral Fellowships                                      | Project |
| SCORES4CHEM                                   | Safety, Control, and Optimization: Research, Education and Services for the Chemical Industry  | 1/10/09  | 30/09/14 | IOF/KP/09/005                   | IOF - IOF-mandaten: Postdoctoral Fellowships                                      | Project |
| DYSCO II                                      | Dynamical systems, control and optimization  | 1/04/12  | 30/09/17 | P7/19 IUAP-DYSCO-JVDW           | IUAP - Interuniversity Attraction Poles Programme                                 | Project |
| BioMaGNet                                     | Bioinformatics and Modeling: from Genomes to Networks  | 1/01/07  | 31/03/12 | P6/25                           | IUAP - Interuniversity Attraction Poles Programme                                 | Project |
| DYSCO I                                       | Dynamical systems, control and optimization  | 1/01/07  | 31/03/12 | P6/04                           | IUAP - Interuniversity Attraction Poles Programme                                 | Project |
| Dynamical Systems                             | Dynamical systems and control: computation, identification and modelling.  | 1/01/02  | 31/12/06 | IUAP P5/22                      | IUAP - Interuniversity Attraction Poles Programme                                 | Project |
| P4/02-Modelling                               | Modelling, identification, simulation and control of complex systems (electrotechnical part)   | 1/01/97  | 1/12/01  |                                 | IUAP - Interuniversity Attraction Poles Programme                                 | Project |
| DSquare                                       | D Square Data Mining   | 1/09/08  | 31/03/11 | IWT/080222/0&0 BDM              | IWT O&O - IWT Industrial R&D projects   | Project |
| SILICOS                                       | Research towards an in silico drug discovery platform (Virtual Screening Factory) based on Spectrophore™ technology                            | 1/08/05  | 31/07/07 | 040438/Silicos                  | IWT O&O - IWT Industrial R&D projects   | Project |
| BioScope-IT                                   | Bioinformatics Service project   | 15/05/05 | 14/05/08 | IWT/040571                      | IWT O&O - IWT Industrial R&D projects   | Project |
| Flight Test Easy+                             | Optimised design engineering process for aerospace structures  | 1/01/05  | 31/12/07 |                                 | 50006 IWT other - Other IWT Grants  | Project |
| SQUAD   | Molecular and computational biology of quorum signaling in bacterial pathogens: Salmonella   | 1/10/02  | 28/02/07 | GBOU20160 3E030653              | IWT other - Other IWT Grants  | Project |
| McKnow  | Automated and User-Oriented Methods and Algorithms for Knowledge Management  | 1/09/01  | 31/08/05 | 010092/KUL-TW-WERKT-IB          | IWT other - Other IWT Grants  | Project |
|   | Clusteren van tijdreeksen: Een inzichtelijke afstand   | 1/01/16  | 30/06/19 | IWT 151622                      | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
|   | Early detection of diabetes through advanced data mining techniques  | 1/01/12  | 31/12/15 | IWT-SB-MarcClaesen              | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| Mass Spectral Imaging Data                    | Enabling Biomedical Tissue Exploration Through Advanced Datamining of Mass Spectral Imaging Data   | 1/01/11  | 31/12/14 | IWT SB/101527 -BDM-NicoVerbeeck | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
|   | Concepten en Algoritmes voor de Identificatie van Dynamische Systemen  | 1/01/09  | 31/12/12 | IWT-SB-81223/Dreesen P          | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| SB-Boets                                      | Clustering of dynamical systems  | 1/01/05  | 31/12/08 | SB/0441546 3E041138             | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| SB-Gevaert                                    | Modelling clinical, ultrasound, microarray and proteomic data with Bayesian networks to study ovarian masses.                                  | 1/01/05  | 31/12/08 | SB/0441425 3E050064             | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| SB-Hostens                                    | Modular arithmetic in quantum information theory   | 1/01/05  | 31/12/08 | SB/0441319 3E041136             | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| SB-Vandelm                                    | Bayesian Markov chain Monte Carlo (MCMC) training of hidden Markov models (HMMs) for cis-regulatory module discovery (CRMD).                   | 1/01/05  | 31/12/08 | SB/0441540 3E050065             | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| SB-Vandeplas                                  | Development of Algorithms for Imaging Mass Spectrometry Proteomics.  | 1/01/05  | 31/12/08 | SB/0441538 3E050067             | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| IWT-SB-Dewitte                                | The application of advanced techniques for system identification to study side channels for cryptographic algorithms: cryptanalysis and design | 1/10/02  | 30/09/06 |                                 | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| SB-Pluymers                                   | Kernel-based modelpredictive control.  | 1/10/02  | 30/09/06 | SB/0221462 3E030389             | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| SB-Pochet                                     | Microarray data analysis using support vector machines and Kernel methodes   | 1/10/02  | 30/09/06 | SB/0221367 3E030376             | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| SB-Vanhellemont                               | Development of a strategy based on phylogenetic footprinting to identify regulatory elements in eukaryotic promoters based.                    | 1/10/02  | 30/09/06 | SB/0221439 3E030387             | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| IWT-SB-Engelen                                | Evaluation of algorithms for analyzing micro-array data and genetic network inference.   | 1/10/01  | 30/09/05 | 3E020413                        | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |
| IWT-SB-Hamers                                 | Machine Learning for large datasets based on convex optimisation   | 1/01/00  | 31/12/03 | SB/991365                       | IWT SB - IWT Specialisatiebeurs PhD Fellowship                                    | Mandaat |

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| IWT-SB-Thijs                             | Bio-informatics : searchin for regulatory elements in DNA with advanced pattern recognition methods                                       | 1/01/00  | 31/12/03 | SB/991415                                | IWT SB - IWT Specialisatiebeurs PhD Fellowship  | Mandaat |
| IWT-SB-Nackaerts                         | Physical modeling sound synthesis   | 1/01/99  | 31/12/02 | SB/981297                                | IWT SB - IWT Specialisatiebeurs PhD Fellowship  | Mandaat |
| CLIMAQs                                  | Climate Impact and Air Quality Modelling for Policy Support   | 1/01/09  | 31/12/12 | IWT-SBO-080019                           | IWT SBO - IWT Projects Strategic Basic Research   | Project |
|  | Novel strategies for organ sparing in patients with complete response to radiochemotherapy in locally advanced rectal cancer              | 1/01/14  | 31/12/17 | K.B.O. 0442.528.054                      | IWT TBM - VLAIO TBM Projects Applied Biomedical Research with a Primary Social finality | Project |
|  | Endometrial cancer diagnosis based on predictive computer models within an International Endometrial Tumour Analysis (IETA) collaboration | 1/12/13  | 31/05/17 | IWT/130256/TBM-Timmerman                 | IWT TBM - VLAIO TBM Projects Applied Biomedical Research with a Primary Social finality | Project |
| Rectal Cancer                            | Response prediction of rectal cancer based on molecular and functional characteristics of the tumor.                                      | 1/12/11  | 28/01/15 | IWT-TBM-100783                           | IWT TBM - VLAIO TBM Projects Applied Biomedical Research with a Primary Social finality | Project |
| LOGIC-Insulin algoritme                  | The single-centre and multi-centre clinical validation of an algorithm to control blood glucose levels in critically ill patients         | 1/06/11  | 31/05/15 | IWT-TBM- 100793                          | IWT TBM - VLAIO TBM Projects Applied Biomedical Research with a Primary Social finality | Mandaat |
| IOTA 3 Ovarian tumour characterisation   | Multicentre prospective assessment study on the pre-operative characterisation of ovarian tumours based on predictive computer models     | 1/06/08  | 31/05/12 | 070706/IWT TBM                           | IWT TBM - VLAIO TBM Projects Applied Biomedical Research with a Primary Social finality | Project |
| Endometriosis Test                       | Development of a Noninvasive Diagnostic Test for Endometriosis  | 1/07/07  | 30/06/09 | TBM/060522                               | IWT TBM - VLAIO TBM Projects Applied Biomedical Research with a Primary Social finality | Project |
| Omics based clinical decision support    | Large scale and online computing to advance (omics-based) clinical decision support and life sciences research                            | 1/08/14  | 31/07/15 |  | KUL Other - Other Internal KUL funding  | Project |
|  | Determining genetic markers for platinum sensitivity in ovarian cancer  | 1/01/10  | 1/01/11  | Onkelinckx-NKP_29_039                    | LKI - Leuven Kanker Instituut   | Project |
| prostaatacarcinoom                       | "Implementation of functional imaging and molecular diagnostics for patient-tailored treatment of prostate cancer"                        | 15/09/09 | 31/12/10 | Onkelinckx/3M090645                      | LKI - Leuven Kanker Instituut   | Project |
|  | Patient-tailored treatment for patients with rectal cancer  | 1/01/09  | 31/12/10 | Onkelinckx                               | LKI - Leuven Kanker Instituut   | Project |
| PhD-Lemmens                              | Development of a method for the identification of regulatory modules from heterogeneous information sources                               | 1/10/04  | 30/09/05 | 3E041020                                 | LRD-PhD -   | Mandaat |
| PhD-Pelckmans                            | Kernel Methods in Dynamical Systems Modeling  | 1/11/02  | 31/03/05 |  | LRD-PhD -   | Mandaat |
| PhD-VanDromme                            | Automated and user-oriented methods and algorithms for knowledge management   | 1/09/01  | 31/08/05 |  | LRD-PhD -   | Mandaat |
| PhD-Thijs                                | Bio-informatics: searching for regulatory elements in DNA with advanced pattern recognition methods.                                      | 1/10/00  | 30/09/04 |  | LRD-PhD -   | Mandaat |
| PhD-Gillijns                             | Data-assimilation by large scale Kalman filtering techniques  | 1/01/00  | 1/01/01  |  | LRD-PhD -   | Mandaat |
| PhD-Janssens                             | Algorithms for emerging trend detection in large-scale corpora of patents and scientific literature                                       | 1/01/00  | 1/01/01  |  | LRD-PhD -   | Mandaat |
| PhD-Maerivoet                            | Real-time models of Road Traffic  | 1/01/00  | 1/01/01  |  | LRD-PhD -   | Mandaat |
| TRAFFIC                                  | Sustainability effects of traffic management systems  | 1/12/01  | 31/05/05 | CP/01/401 3E010712                       | Other -   | Project |
| KOTK Next-generation multiplex pathology | Next-generation multiplex pathology: enabling precision medicine by improving cancer diagnostics and biomarker identification             | 1/09/20  | 31/08/24 |  | Other - Other   | Project |
| GENAGRID                                 | Bioinformatic services for genetic association studies using high-performance grid computation  | 1/12/08  | 30/11/12 |  | Other - Other   | Project |
| Baekeland Mandaat Wanqiu Zhang           | Augmented mass spectrometry imaging data analysis through incorporation of multimodality and transfer learning                            | 1/09/19  | 31/08/23 | HBC.20192204                             | VLAIO BM - VLAIO Baekeland mandates (BM)  | Mandaat |
| City of Things                           | Slimme IoT technologie gekoppeld aan slimme zorgverlening voor levensloopbestendig wonen  | 1/10/18  | 30/09/20 | COT.2018.018                             | VLAIO CoT - VLAIO-City of Things  | Project |
| IM Nick Smisdom                          | Data highway to precision medicine  | 1/08/19  | 31/07/21 | HBC.2019.2209                            | VLAIO IM - VLAIO Innovation mandates: Postdoctoral Fellowship                           | Project |
|  | Big Data platform voor hosting en analyse van mass spectrometry imaging data  | 1/01/18  | 31/12/19 | HBC2017.0539                             | VLAIO IM - VLAIO Innovation mandates: Postdoctoral Fellowship                           | Mandaat |
| PASCALE                                  | Platform voor het Annoteren en Structureren van Content en Analyse van het Leergedrag   | 1/03/17  | 31/08/18 |  | VLAIO KMO - KMO   | Project |
| TUNECLIX                                 | Tuneclix  | 15/09/18 | 14/06/20 | HBC.2018.0405                            | VLAIO O&O - VLAIO Industrial R&D projects   | Project |
| Generiek Softwareplatform                | Subcontracting for: Generiek Softwareplatform voor de analyse van ruwe PCR data   | 1/11/14  | 31/05/16 |  |   | Other   |
|  | Implementatie van en Niet-Lineair Model Predictive Control sturingssystemen voor het Demerbekken  | 14/11/13 | 14/11/15 |  |   | Other   |
|  | Control of rivers with Model Predictive Control -- proof of concept based on the river Demer in Belgium.                                  | 1/10/10  | 31/07/13 | FWO_asp_Breckpot                         |   | Mandaat |
| IBBT 2010                                | IBBT Future Health Department   | 1/01/10  | 31/12/10 | ZL690060                                 |   | Other   |
|  | Model predictieve controle gekoppeld met bewegende horizon schatting: stabiliteit, schaalbaarheid, robuustheid en performantie            | 1/10/09  | 30/09/10 | 3E090841                                 |   |         |
|  | Modelleren en regelen van HVAC systemen   | 1/04/09  | 31/12/09 | 3E090472                                 |   | Mandaat |
| BioSCENter                               | Leuven Center on Bio-Science, Bio-Engineering, Bio-Technology   | 1/06/08  | 31/12/15 |  |   | Other   |
| Monsanto                                 | Softwarelicentie INCLUSIVE Software   | 13/07/07 | 31/12/07 |  |   | Project |
|  | TML   | 1/05/06  | 31/12/06 |  |   | Project |
| PD-Aerts(BOF)                            | Systems Biology: gen regulatory networks in metazoa   | 1/10/04  | 30/09/05 | PDM/04/254                               |   | Mandaat |
| PROMETA                                  | A proteomics center as part of the interfaculty center for proteomics and metabolomics.   | 1/07/04  | 30/06/10 | ZWAP/04/028, 3M040419. ZKB4081 en ZKB294 |   | Project |
|  | Gebruik van microroosters voor het klinisch beleid van ovariumcarcinomen  | 1/01/03  | 31/12/08 |  |   | Mandaat |

|           |  |         |          |  |         |
|-----------|--|---------|----------|--|---------|
|           | Data4S Future  | 1/02/00 | 31/01/05 |  | Other   |
| SB-Buijs  | Control Systems  | 1/10/97 | 30/09/01 |  | Mandaat |
| SB-DeCock | Identification of stochastic models for cell traffic in ATM networks | 1/01/97 | 31/12/00 |  | Mandaat |