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| 1. Record Nr.           | UNINA9910795455203321  |
| Autore                  | Hulsmann Carolin   |
| Titolo                  | Kurswahlmotive im Fach Chemie : Eine Studie zum Wahlverhalten und Erfolg von Schülerinnen und Schülern in der gymnasialen Oberstufe // Carolin Hulsmann  |
| Pubbl/distr/stampa      | Berlin : , : Logos Verlag Berlin, , [2015]<br>©2015  |
| ISBN                    | 3-8325-9440-X  |
| Descrizione fisica      | 1 online resource (226 pages)  |
| Collana                 | Studien zum Physik- und Chemielernen   |
| Disciplina              | 540.724  |
| Soggetti                | Chemistry - Research   |
| Lingua di pubblicazione | Tedesco  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | PublicationDate: 20151130  |
| Sommario/riassunto      | <p>Long description: Das Fach Chemie ist in der Schule nur wenig beliebt und wird bereits zu Beginn der gymnasialen Oberstufe von einem Großteil der Schülerschaft abgewählt. Ungeklärt ist bisher, welche Motive für die Wahl bzw. Abwahl des Faches Chemie von Bedeutung sind. Das Ziel dieser Studie war daher, Determinanten im Entscheidungsprozess der Schülerinnen und Schüler zu identifizieren, anhand derer Möglichkeiten erschlossen werden können der derzeitigen Situation entgegen zu wirken. Dazu wurden Schülermerkmale von Lernenden miteinander verglichen, die unterschiedliche Entscheidungen in Bezug auf die Wahl des Faches Chemie getroffen hatten. Die Ergebnisse der Arbeit belegen, dass dem Interesse an Chemie die stärkste prädiktive Kraft in Bezug auf die Vorhersage der Wahlentscheidung zukommt, während für die Abwahl des Faches hauptsächlich die niedrigen Fähigkeitsüberzeugungen der Schülerinnen und Schüler verantwortlich sind. Diese bleiben häufig hinter den tatsächlichen Leistungen der Lernenden zurück. Neben den Interessen und Begabungen der Schülerinnen und Schüler stellen deren Berufs- und Studienwünsche einen der einflussreichsten Prädiktoren bei der Chemiewahl dar. Zum Leidwesen des Faches fällt die Zahl der Lernenden mit Berufsvorstellungen im chemischen Bereich aber sehr</p> |

gering aus.

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| 2. Record Nr.           | UNINA9910349273603321   |
| Titolo                  | Medical Image Computing and Computer Assisted Intervention – MICCAI 2019 : 22nd International Conference, Shenzhen, China, October 13–17, 2019, Proceedings, Part V // edited by Dinggang Shen, Tianming Liu, Terry M. Peters, Lawrence H. Staib, Caroline Essert, Sean Zhou, Pew-Thian Yap, Ali Khan   |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019   |
| ISBN                    | 3-030-32254-8   |
| Edizione                | [1st ed. 2019.]   |
| Descrizione fisica      | 1 online resource (XXXVI, 695 p. 387 illus., 286 illus. in color.)  |
| Collana                 | Image Processing, Computer Vision, Pattern Recognition, and Graphics, , 3004-9954 ; ; 11768   |
| Disciplina              | 616.07540285<br>616.0757  |
| Soggetti                | Computer vision<br>Pattern recognition systems<br>Artificial intelligence<br>Medical informatics<br>Computer Vision<br>Automated Pattern Recognition<br>Artificial Intelligence<br>Health Informatics   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Includes index.   |
| Nota di contenuto       | Computer Assisted Interventions -- Robust Cochlear Modiolar Axis Detection in CT -- Learning to Avoid Poor Images: Towards Task-aware C-arm Cone-beam CT Trajectories -- Optimizing Clearance of Bézier Spline Trajectories for Minimally-Invasive Surgery -- Direct Visual and Haptic Volume Rendering of Medical Data Sets for an Immersive Exploration in Virtual Reality -- Triplet Feature Learning on Endoscopic Video Manifold for Real-time Gastrointestinal Image Retargeting -- A |

Novel Endoscopic Navigation System: Simultaneous Endoscope and Radial Ultrasound Probe Tracking Without External Trackers -- An Extremely Fast and Precise Convolutional Neural Network for Recognition and Localization of Cataract Surgical Tools -- Semi-autonomous Robotic Anastomoses of Vaginal Cuffs using Marker Enhanced 3D Imaging and Path Planning -- Augmented Reality "X-Ray Vision" for Laparoscopic Surgery using Optical See-Through Head-Mounted Display -- Interactive Endoscopy: A Next-Generation, Streamlined User Interface for Lung Surgery Navigation -- Non-invasive Assessment of In Vivo Auricular Cartilage by Ultrashort Echo Time (UTE) T2\* Mapping -- INN: Inflated Neural Networks for IPMN Diagnosis -- Development of an Multi-objective Optimized Planning Method for Microwave Liver Tumor Ablation -- Generating large labeled data sets for laparoscopic image processing tasks using unpaired image-to-image translation -- Mask-MCNet: Instance Segmentation in 3D Point Cloud of Intra-oral Scans -- Physics-based Deep Neural Network for Augmented Reality during Liver Surgery -- Detecting Cannabis-Associated Cognitive Impairment using Resting-state fNIRS -- Cross-Domain Conditional Generative Adversarial Networks for Stereoscopic Hyperrealism in Surgical Training -- A Free-view, 3D Gaze-Guided Robotic Scrub Nurse -- Haptic Modes for Multiparameter Control in Robotic Surgery -- Learning to Detect Collisions for Continuum Manipulators without a Prior Model -- Simulation of Balloon-Expandable Coronary Stent Apposition with Plastic Beam Elements -- Virtual Cardiac Surgical Planning through Hemodynamics Simulation and Design Optimization of Fontan Grafts -- 3D Modelling of the residual freezing for renal cryoablation simulation and prediction -- A generative model of hyperelastic strain energy density functions for real-time simulation of brain tissue deformation -- Variational Mandible Shape Completion for Virtual Surgical Planning -- Markerless Image-to-Face Registration for Untethered Augmented Reality in Head and Neck Surgery -- Towards a first mixed-reality first person point of view needle navigation system -- Concept-Centric Visual Turing Tests for Method Validation -- Transferring from ex-vivo to in-vivo: Instrument Localization in 3D Cardiac Ultrasound Using Pyramid-UNet with Hybrid Loss -- A Sparsely Distributed Intra-cardial Ultrasonic Array for Real-time Endocardial Mapping -- FetusMap: Fetal Pose Estimation in 3D Ultrasound -- Agent with Warm Start and Active Termination for Plane Localization in 3D Ultrasound -- Learning and Understanding Deep Spatio-Temporal Representations from Free-Hand Fetal Ultrasound Sweeps -- User guidance for point-of-care echocardiography using multi-task deep neural network -- Integrating 3D Geometry of Organ for Improving Medical Imaging Segmentation -- Estimating Reference Bony Shape Model for Personalized Surgical Reconstruction of Posttraumatic Facial Defects -- A New Approach of Predicting Facial Changes following Orthognathic Surgery using Realistic Lip Sliding Effect -- An Automatic Approach to Reestablish Final Dental Occlusion for 1-Piece Maxillary Orthognathic Surgery -- MIC meets CAI -- A Two-stage Framework for Real-time Guidewire Endpoint Localization -- Investigating the role of VR in a simulation-based medical planning system for coronary interventions -- Learned Full-sampling Reconstruction -- A deep regression model for seed localization in prostate brachytherapy -- Model-Based Surgical Recommendations for Optimal Placement of Epiretinal Implants -- Towards Multiple Instance Learning and Hermann Weyl's Discrepancy for Robust Image-Guided Bronchoscopic Intervention -- Learning Where to Look While Tracking Instruments in Robot-assisted Surgery -- Efficient Soft-Constrained Clustering for Group-Based Labeling --

Leveraging Other Datasets for Medical Imaging Classification: Evaluation of Transfer, Multi-task and Semi-supervised Learning -- Incorporating Temporal Prior from Motion Flow for Instrument Segmentation in Minimally Invasive Surgery Video -- Hard Frame Detection and Online Mapping for Surgical Phase Recognition -- Automated Surgical Activity Recognition with One Labeled Sequence -- Using 3D Convolutional Neural Networks to learn spatiotemporal features for automatic surgical gesture recognition in video -- Surgical Skill Assessment on In-Vivo Clinical Data via the Clearness of Operating Field -- Graph Neural Network for Interpreting Task-fMRI Biomarkers -- Achieving Accurate Segmentation of Nasopharyngeal Carcinoma in MR Images through Recurrent Attention -- Brain Dynamics Through the Lens of Statistical Mechanics by Unifying Structure and Function -- Synthesis and inpainting-based MR-CT Registration for Image-Guided Thermal Ablation of Liver Tumors -- CFEA: Collaborative Feature Ensembling Adaptation for Domain Adaptation in Unsupervised Optic Disc and Cup Segmentation -- Gastric cancer detection from endoscopic images using synthesis by GAN -- Deep Local-Global Refinement Network for Stent Analysis in IVOCT Images -- Generalized Non-Rigid Point Set Registration with Hybrid Mixture Models Considering Anisotropic Positional Uncertainties -- Mixed-Supervision Multilevel GAN for Image Quality Enhancement -- Combined Learning for Similar Tasks with Domain-Switching Networks -- Real-time 3D reconstruction of colonoscopic surfaces for determining missing regions -- Human Pose Estimation on Privacy-Preserving Low-Resolution Depth Images -- A Mesh-Aware Ball-Pivoting Algorithm for Generating the Virtual Arachnoid Mater -- Attenuation Imaging with Pulse-Echo Ultrasound based on an Acoustic Reflector -- SWTV-ACE: Spatially Weighted Regularization based Attenuation Coefficient Estimation Method for Hepatic Steatosis Detection -- Deep Learning-based Universal Beamformer for Ultrasound Imaging -- Towards whole placenta segmentation at late gestation using multi-view ultrasound images -- Single Shot Needle Tip Localization in 2D Ultrasound -- Discriminative Correlation Filter Network for Robust Landmark Tracking in Ultrasound Guided Intervention -- Echocardiography Segmentation by Quality Translation using Anatomically Constrained CycleGAN -- Matwo-CapsNet: a Multi-Label Semantic Segmentation Capsules Network -- LumiPath - Towards Real-time Physically-based Rendering on Embedded Devices -- An Integrated Multi-Physics Finite Element Modeling Framework for Deep Brain Stimulation: Preliminary Study on Impact of Brain Shift on Neuronal Pathways.

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## Sommario/riassunto

The six-volume set LNCS 11764, 11765, 11766, 11767, 11768, and 11769 constitutes the refereed proceedings of the 22nd International Conference on Medical Image Computing and Computer-Assisted Intervention, MICCAI 2019, held in Shenzhen, China, in October 2019. The 539 revised full papers presented were carefully reviewed and selected from 1730 submissions in a double-blind review process. The papers are organized in the following topical sections: Part I: optical imaging; endoscopy; microscopy. Part II: image segmentation; image registration; cardiovascular imaging; growth, development, atrophy and progression. Part III: neuroimage reconstruction and synthesis; neuroimage segmentation; diffusion weighted magnetic resonance imaging; functional neuroimaging (fMRI); miscellaneous neuroimaging. Part IV: shape; prediction; detection and localization; machine learning; computer-aided diagnosis; image reconstruction and synthesis. Part V: computer assisted interventions; MIC meets CAI. Part VI: computed tomography; X-ray imaging.

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