

1. Record Nr.	UNINA9910480117803321
Titolo	The importance of engineering talent to the prosperity and security of the nation : summary of a forum / / prepared by Steve Olson for the National Academy of Engineering
Pubbl/distr/stampa	Washington, District of Columbia : , : National Academies Press, , 2014 ©2014
ISBN	0-309-29892-X
Descrizione fisica	1 online resource (42 p.)
Disciplina	620.00973
Soggetti	Engineering - Economic aspects Engineers - Recruiting - United States Engineering - Study and teaching - United States Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	""FrontMatter""; ""Preface""; ""Contents""; ""I: Talent in the Engineering Enterprise""; ""II: From Weaknesses to Strengths in the Search for Engineering Talent""; ""Appendix A: Forum Agenda""; ""Appendix B: Panelistsa€? Biographies""

## 2. Record Nr.

## Titolo

UNISA996418217403316

Thoracic image analysis : second international workshop, TIA 2020, held in conjunction with MICCAI 2020, Lima, Peru, October 8, 2020, proceedings / / Jens Petersen [and seven others] (editors)

## Pubbl/distr/stampa

Cham, Switzerland : , : Springer, , [2020]

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## ISBN

3-030-62469-2

## Edizione

[1st ed. 2020.]

## Descrizione fisica

1 online resource (X, 166 p. 63 illus., 49 illus. in color.)

## Collana

Lecture notes in computer science ; ; 12502

## Disciplina

617.540757

## Soggetti

Chest - Imaging

## Lingua di pubblicazione

Inglese

## Formato

Materiale a stampa

## Livello bibliografico

Monografia

## Note generali

Includes index.

## Nota di contenuto

Multi-cavity Heart Segmentation in Non-contrast Non-ECG Gated CT Scans with F-CNN -- 3D Deep Convolutional Neural Network-based Ventilated Lung Segmentation using Multi-nuclear Hyperpolarized Gas MRI -- Lung Cancer Tumor Region Segmentation Using Recurrent 3D-DenseUNet -- 3D Probabilistic Segmentation and Volumetry from 2D Projection Images -- CovidDiagnosis: Deep Diagnosis of Covid-19 Patients using Chest X-rays -- Can We Trust Deep Learning Based Diagnosis? The Impact of Domain Shift in Chest Radiograph Classification -- A Weakly Supervised Deep Learning Framework for COVID-19 CT Detection and Analysis -- Deep Reinforcement Learning for Localization of the Aortic Annulus in Patients with Aortic Dissection -- Functional-Consistent CycleGAN for CT to Iodine Perfusion Map Translation -- MRI to CTA Translation for Pulmonary Artery Evaluation using CycleGANs Trained with Unpaired Data -- Semi-supervised Virtual Regression of Aortic Dissections Using 3D Generative Inpainting -- Registration-Invariant Biomechanical Features for Disease Staging of COPD in SPIROMICS -- Deep Group-wise Variational Diffeomorphic Image Registration.

## Sommario/riassunto

This book constitutes the proceedings of the Second International Workshop on Thoracic Image Analysis, TIA 2020, held in Lima, Peru, in October 2020. Due to COVID-19 pandemic the conference was held virtually. COVID-19 infection has brought a lot of attention to lung

imaging and the role of CT imaging in the diagnostic workflow of COVID-19 suspects is an important topic. The 14 full papers presented deal with all aspects of image analysis of thoracic data, including: image acquisition and reconstruction, segmentation, registration, quantification, visualization, validation, population-based modeling, biophysical modeling (computational anatomy), deep learning, image analysis in small animals, outcome-based research and novel infectious disease applications.

3. Record Nr.	UNINA9910712929803321
Autore	Meese William J
Titolo	Evaluation of electrical connections for branch circuit wiring / / William J. Meese, Robert W. Beausoliel ; sponsored by Office of Policy Development Research, Department of Housing and Urban Development
Pubbl/distr/stampa	Washington, D.C. : , : U.S. Dept. of Commerce, National Bureau of Standards : , : For sale by the Supt. of Docs., U.S. G.P.O., , 1980
Descrizione fisica	1 online resource (viii, 62 pages) : illustrations
Collana	NBS building science series ; ; 128
Classificazione	53.31
Altri autori (Persone)	BeausolielRobert W
Disciplina	690/.0218 s 621.319/2
Soggetti	Electric circuits - Testing Electric connectors - Testing Electric wiring, Interior - Testing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Contributed record: Metadata reviewed, not verified. Some fields updated by batch processes.
Nota di bibliografia	Includes bibliographical references.