Søren Forchhammer - DTU Orbit (02/11/2017)

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Publications:

**Experimental Comparison of Probabilistic Shaping Methods for Unrepeated Fiber Transmission**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**A configurable FPGA FEC unit for Tb/s optical communication**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

**An Adaptive Multialphabet Arithmetic Coding Based on Generalized Virtual Sliding Window**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Characterization and optimization of a high-efficiency AlGaAs-On-Insulator-based wavelength converter for 64- and 256-QAM signals**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Development of outdoor luminescence imaging for drone-based PV array inspection**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

**Error Concealment for 3-D DWT Based Video Codec Using Iterative Thresholding**
Belyaev, E., Forchhammer, S. & Codreanu, M. 2017 In : I E E E Communications Letters. 21, 8, p. 1731-1734
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Nonlinear Phase Noise Compensation in Experimental WDM Systems with 256QAM**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**No-reference pixel based video quality assessment for HEVC decoded video**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Temporal probabilistic shaping for mitigation of nonlinearities in optical fiber systems**
Publication: Research - peer-review › Journal article – Annual report year: 2017
A Reconstruction Algorithm with Multiple Side Information for Distributed Compression of Sparse Sources
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Characterization of a Wavelength Converter for 256-QAM Signals Based on an AlGaAs-On-Insulator Nano-waveguide
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Constellation Shaping for WDM systems using 256QAM/1024QAM with Probabilistic Optimization
Publication: Research - peer-review › Journal article – Annual report year: 2016

Distributed coding of multiview sparse sources with joint recovery
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Experimental Comparison of Gains in Achievable Information Rates from Probabilistic Shaping and Digital Backpropagation for DP-256QAM/1024QAM WDM Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Experimental Study of Nonlinear Phase Noise and its Impact on WDM Systems with DP-256QAM
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Low complexity video encoding for UAV inspection
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Modeling the Quality of Videos Displayed With Local Dimming Backlight at Different Peak White and Ambient Light Levels
Publication: Research - peer-review › Journal article – Annual report year: 2016

Performance bounds for sparse signal reconstruction with multiple side information [arXiv]
Publication: Research - peer-review › Journal article – Annual report year: 2016

Sparse Signal Reconstruction with Multiple Side Information using Adaptive Weights for Multiview Sources
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Temporal Probabilistic Constellation Shaping for WDM Optical Communication Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
Two-dimensional distributed-phase-reference protocol for quantum key distribution
Bacco, D., Christensen, J. B., Usuga Castaneda, M. A., Ding, Y., Forchhammer, S., Rottwitt, K. & Oxenløwe, L. K. 2016
In : Scientific Reports. 6, 7 p., 36756
Publication: Research - peer-review › Journal article – Annual report year: 2016

Achievable Information Rates on Linear Interference Channels with Discrete Input
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Adaptive mode decision with residual motion compensation for distributed video coding
Publication: Research - peer-review › Journal article – Annual report year: 2015

Approximating the constellation constrained capacity of the MIMO channel with discrete input
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Capacity Estimation and Near-Capacity Achieving Techniques for Digitally Modulated Communication Systems
Publication: Research › Ph.D. thesis – Annual report year: 2016

Distributed source coding of video
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Modeling the Subjective Quality of Highly Contrasted Videos Displayed on LCD With Local Backlight Dimming
Publication: Research - peer-review › Journal article – Annual report year: 2015

No-Reference Video Quality Assessment by HEVC Codec Analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

No-Reference Video Quality Assessment using Codec Analysis
Publication: Research - peer-review › Journal article – Annual report year: 2015

Quality Assessment of Adaptive Bitrate Videos using Image Metrics and Machine Learning
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Subjective comparison of brightness preservation methods for local backlight dimming displays
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015
Distributed Video Coding: Iterative Improvements
Publication: Research › Ph.D. thesis – Annual report year: 2013

1.28 Tbaud Nyquist Signal Transmission using Time-Domain Optical Fourier Transformation based Receiver
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Adaptive deblocking and deringing of H.264/AVC video sequences
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Adaptive local backlight dimming algorithm based on local histogram and image characteristics
Publication: Research - peer-review › Conference article – Annual report year: 2013

Adaptive mode decision with residual motion compensation for distributed video coding
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

A novel method for combating dispersion induced power fading in dispersion compensating fiber
Publication: Research - peer-review › Journal article – Annual report year: 2013

Controlling Power Consumption for Displays With Backlight Dimming
Publication: Research - peer-review › Journal article – Annual report year: 2013

Demonstration and Comparison Study for V- and W-Band Real-Time High-Definition Video Delivery in Diverse Fiber-Wireless Infrastructure
Publication: Research - peer-review › Journal article – Annual report year: 2013

Depth-based Multi-View 3D Video Coding
Publication: Research › Ph.D. thesis – Annual report year: 2013

Distributed multi-hypothesis coding of depth maps using texture motion information and optical flow
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Edge-preserving Intra Depth Coding based on Context-coding and H.264/AVC
No-Reference Video Quality Assessment using MPEG Analysis

Optimal backlight scanning for 3D crosstalk reduction in LCD TV

Optimal Local Dimming for LC Image Formation With Controllable Backlighting

Processing Decoded Video for Backlight Dimming: Video Quality Enhancement on LCD with Dynamic Local Backlight

Processing Decoded Video for LCD-LED Backlight Display: Post processing of decoded video and local backlight dimming for LCD technology with LED-based backlight

Quality assessment of images displayed on LCD screen with local backlight dimming

Rate-adaptive BCH codes for distributed source coding

Reducing the duration of paired-comparison experiments for visual quality assessment
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Searching for the preferred backlight intensity in liquid crystal displays with local backlight dimming

Texture side information generation for distributed coding of video-plus-depth

Tunable Photonic RF Generator for Dynamic Allocation and Multicast of 1.25 Gbps Channels in the 60 GHz Unlicensed Band
Using anisotropic diffusion equations in pixon domain for image de-noising
Publication: Research - peer-review › Journal article – Annual report year: 2012

Wyner-Ziv Coding of Depth Maps Exploiting Color Motion Information
Publication: Research - peer-review › Conference article – Annual report year: 2013

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Publication: Research - peer-review › Journal article – Annual report year: 2012

Enabling uncompressed video transmission in double-sideband 60 GHz radio-over-fiber links
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Exploiting the Error-Correcting Capabilities of Low Density Parity Check Codes in Distributed Video Coding using Optical Flow
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Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

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Objective assessment of the impact of frame rate on video quality
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Optimal local dimming for LED-backlit LCD displays via linear programming
Publication: Research - peer-review › Journal article – Annual report year: 2012

Power consumption analysis of constant bit rate video transmission over 3G networks
Publication: Research - peer-review › Journal article – Annual report year: 2012
Rate-adaptive BCH coding for Slepian-Wolf coding of highly correlated sources
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Resource-Constrained Low-Complexity Video Coding for Wireless Transmission
Publication: Research › Ph.D. thesis – Annual report year: 2013

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Publication: Research - peer-review › Journal article – Annual report year: 2012

Simplified Fiber-Wireless Distribution of HD Video in Passive and Active W-band Close Proximity Terminals
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

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Publication: Research - peer-review › Journal article – Annual report year: 2012

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Artifact reduction of compressed images and video combining adaptive fuzzy filtering and directional anisotropic diffusion
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Edge-based compression of cartoon-like images with homogeneous diffusion
Publication: Research - peer-review › Journal article – Annual report year: 2011
Encoder power consumption comparison of Distributed Video Codec and H.264/AVC in low-complexity mode
Ukhanova, A., Belyaev, E. & Forchhammer, S. 2010 Proceedings SoftCOM.
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Low-complexity JPEG-based progressive video codec for wireless video transmission
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Maximizing entropy of image models for 2-D constrained coding
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Maximum mutual information vector quantization of log-likelihood ratios for memory efficient HARQ implementations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

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Huang, X. & Forchhammer, S. Sep 2009 Kgs. Lyngby, Denmark: Technical University of Denmark (DTU).
Publication: Research › Ph.D. thesis – Annual report year: 2009

Block Pickard Models for Two-Dimensional Constraints
Publication: Research - peer-review › Journal article – Annual report year: 2009

Communicating the 3D home theater: future visual communication technology
Publication: Communication › Book chapter – Annual report year: 2009

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Fast compressed domain motion detection in H.264 video streams for video surveillance applications
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009
Hardware Implementation of Real-Time MPEG Analysis and Deblocking for Video Enhancement
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Postprocessing MPEG based on estimated quantization parameters
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Temporal scalability comparison of the H.264/SVC and distributed video codec
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Two-dimensional information theory and coding
Publication: Research - peer-review › Book – Annual report year: 2009

Context adaptive coding of bi-level images
Publication: Research - peer-review › Book chapter – Annual report year: 2008

Improved side information generation for distributed video coding
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

On-board processing of video image sequences
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

Reduced complexity MPEG2 video post-processing for HD display
Publication: Research › Article in proceedings – Annual report year: 2008

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

A Multi-Frame Post-Processing Approach to Improved Decoding of H.264/AVC Video
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Complexity Control of Fast Motion Estimation in H.264/MPEG-4 AVC with Rate-Distortion-Complexity optimization
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Efficient Coding of Shape and Transparency for Video Objects
Publication: Research - peer-review › Journal article – Annual report year: 2007

Entropy of Bit-Stuffing-Induced Measures for Two-Dimensional Checkerboard Constraints
Publication: Research - peer-review › Journal article – Annual report year: 2007

Error resilient H.264/AVC Video over Satellite for low Packet Loss Rates
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Texture Enhanced Appearance Models
Publication: Research - peer-review › Journal article – Annual report year: 2007

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Publication: Research › Ph.D. thesis – Annual report year: 2006

A Model for the Two-dimensional no Isolated Bits Constraint
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Coding Transparency in Object-Based Video
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Context-based coding of bilevel images enhanced by digital straight line analysis
Publication: Research - peer-review › Journal article – Annual report year: 2006

Lossless Image Coding
Publication: Research - peer-review › Book chapter – Annual report year: 2006

Optimizing Fast Motion Estimation and Complexity Control in H.264/AVC
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Publication: Research › Article in proceedings – Annual report year: 2006
Efficient Coding of Binary Shape Sequences for Object Based Video
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Entropy of Quasi-stationary Measure in Images with Applications to 2d Constrained Arrays
Publication: Research › Article in proceedings – Annual report year: 2005

Joint Compression-Segmentation of functional MRI Data
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Segmentation for object-based Video of gaze Communication
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Segmentation of object-based video of gaze communication
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Analysis of bit-stuffing codes and lower bounds on capacity for 2-D constrained arrays using quasistationary measures
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

Context based Coding of Binary Shapes by Object Boundary Straightness Analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

Optimal context quantization in lossless compression of image data sequences
Publication: Research - peer-review › Journal article – Annual report year: 2004

Rate-distortion-complexity optimization of Fast Motion Estimation in H.264/MPEG-4 AVC
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

Wavelet Enhanced Appearance Modelling
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

Cascading Constrained 2-D Arrays using Periodic Merging Arrays
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

On Optimality of Context Modeling for Bit-plane Coding in the JPEG2000 Standard
Publication: Research - peer-review › Book chapter – Annual report year: 2003
Optimization of Advanced Video Coding, MPEG-4/H.264
Publication: Research › Report – Annual report year: 2003

A Unified Approach to Restoration, Deinterlacing and Resolution Enhancement in Decoding MPEG-2 Video
Publication: Research - peer-review › Journal article – Annual report year: 2002

Bounds on the Capacity of Weakly constrained two-dimensional Codes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Content Layer progressive Coding of Digital Maps
Publication: Research - peer-review › Journal article – Annual report year: 2002

Context based Coding of Quantized Alpha Planes for Video Objects
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

On Decomposing Object Appearance using PCA and Wavelet bases with Applications to Image Segmentation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Video Conferencing for a Virtual Seminar Room
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Lossless image data sequence compression using optimal context quantization
Publication: Research - peer-review › Conference article – Annual report year: 2001

A unified approach to restoration, deinterlacing and superresolution of MPEG-2 decoding video
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Bounds on the capacity of constrained two-dimensional codes
Publication: Research - peer-review › Journal article – Annual report year: 2000

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Halftone Coding with JBIG2
Martins, B. & Forchhammer, S. 2000 In : Journal of Electronic Imaging. 9, 1, p. 52-60
Publication: Research - peer-review › Journal article – Annual report year: 2000
Improved Decoding of MPEG-2 Coded Video
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Upper bound on the capacity of constrained three-dimensional codes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Adaptive Partially Hidden Markov Models with Application to Bilevel Image Coding
Publication: Research - peer-review › Journal article – Annual report year: 1999

Compression and Processing of Space Image Sequences of Northern Lights and Sprites
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

Content Progressive Coding of Limited Bits/pixel Images
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

Correction to "Lossless, Near-lossless, and Refinement Coding of Bi-level Images"
Publication: Research - peer-review › Journal article – Annual report year: 1999

Danish Visual Speech Synthesis & MPEG-4 Facial Animation plug-in for RealPlayer G
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

Entropy Bounds for Constrained Two-Dimensional Fields
Publication: Research - peer-review › Journal article – Annual report year: 1999

Image Coding using Markov Models with Hidden States
Publication: Research › Article in proceedings – Annual report year: 1999

Lossless, Near-Lossless, and Refinement Coding of Bi-level Images
Publication: Research - peer-review › Journal article – Annual report year: 1999

Optimization of MPEG decoding
Publication: Research - peer-review › Report – Annual report year: 1999

Progressive Coding and Presentation of Maps for Internet Applications
Publication: Research - peer-review › Report – Annual report year: 1999

Virtual Seminar Room
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999
Virtual seminar room-modelling and experimentation in horizontal and vertical integration
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

An Upper Bound on the Entropy of Constrained 2d Fields
Publication: Research - peer-review › Article in proceedings – Annual report year: 1998

Infrastruktur til TV/video og telefoni i Folketinget
Publication: Research - peer-review › Report – Annual report year: 1998

Lossless Compression of Broadcast Video
Publication: Research - peer-review › Report – Annual report year: 1998

Lossless Compression of Video using Motion Compensation
Publication: Research - peer-review › Article in proceedings – Annual report year: 1998

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Publication: Research › Article in proceedings – Annual report year: 1998

On Definitions and Existence of Combinatorial Entropy of 2d Fields
Publication: Research - peer-review › Report – Annual report year: 1998

Streaming video - præsentation af trailere over internettet.
Publication: Research - peer-review › Report – Annual report year: 1998

The Emerging JBIG2 Standard
Publication: Research - peer-review › Journal article – Annual report year: 1998

Tree Coding of Bilevel Images
Publication: Research - peer-review › Journal article – Annual report year: 1998

Lossless/Lossy Compression of Bi-level Images
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

Lossless, Near-Lossless, and Refinement Coding of Bi-level Images
Lossy/lossless coding of bi-level images
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

Lossless Compression of Digital Images
Publication: Research › Ph.D. thesis – Annual report year: 1996

Adaptive Partially Hidden Markov Models: with Application to Bi-level Image Coding
Publication: Research - peer-review › Report – Annual report year: 1996

Bi-level image compression with tree coding
Publication: Research - peer-review › Article in proceedings – Annual report year: 1996

Partially Hidden Markov Models
Publication: Research - peer-review › Journal article – Annual report year: 1996

Coding with partially hidden Markov models
Publication: Research - peer-review › Article in proceedings – Annual report year: 1995

Entropy estimates for simple random fields
Publication: Research - peer-review › Article in proceedings – Annual report year: 1995

Filters involving derivatives with application to reconstruction from scanned halftone images
Publication: Research - peer-review › Journal article – Annual report year: 1995

Data compression of scanned halftone images
Publication: Research - peer-review › Journal article – Annual report year: 1994

Algorithms for coding scanned halftone pictures
Publication: Research - peer-review › Article in proceedings – Annual report year: 1988

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Publication: Research - peer-review › Article in proceedings – Annual report year: 1988

Projects:

Optical phase conjugation for high-spectrally efficient transmission
Kaminski, P. M., Galili, M., Da Ros, F. & Forchhammer, S.
01/10/2017 → 30/09/2020
Project: PhD
DronEL
01/01/2017 → 31/12/2019
Project

Information Theory and Coding in Regenerative and Non-linear Fiber Optical Communications
Iqbal, S., Forchhammer, S., Oxenløwe, L. K., Yankov, M. P. & Zibar, D.
01/06/2016 → 31/05/2019
Project: PhD

PhD project in Drone Video Communication
Hossain, K., Forchhammer, S. & Berger, M. S.
01/02/2016 → 07/03/2019
Project: PhD

Design and Optimization of Coded Modulation Systems with Iterative and Non-Iterative Processing
Yankov, M. P., Forchhammer, S., Larsen, K. J., Galili, M., Agrell, E. & Rasmussen, L. K.
01/12/2012 → 20/04/2016
Project: PhD

Real-time Video Quality Assessment
Segaard, J., Forchhammer, S., Korhonen, J., Larsen, K. J., Schelkens, P. & Zacharov, N.
01/12/2012 → 16/03/2013
Project: PhD

Near-Capacity Achieving Modulation Formats for Optical Transmission Systems
01/10/2012 → 20/01/2016
Project: PhD

Kvalitets optimering af High Dynamic Range billeder og display
Forchhammer, S., Korhonen, J., Burini, N., Nadernejad, E. & Melgaard Pedersen, J.
01/02/2012 → 30/04/2013
Project

Study of the applications of Multi-view video coding in Wireless Sensors Network
Salmistraro, M., Forchhammer, S., Dittmann, L., Christiansen, H. L., Nielsen, M. & Schelkens, P.
01/05/2011 → 26/09/2014
Project: PhD

Processing of coded video for LCD technology with LED-based backlight
Nadernejad, E., Forchhammer, S., Korhonen, J., Berger, M. S., Lauze, F. B. & Skodras, A.
01/10/2010 → 15/01/2014
Project: PhD

100 Gbit/s photonic wireless access systems
01/09/2010 → 30/09/2013
Project: PhD

100 Gbit/s photonic wireless access systems
Pang, X., Forchhammer, S., Tafur Monroy, I. & Yu, X.
01/09/2010 → 31/08/2013
Project
High quality video over broadband optical-wireless network connections
01/09/2010 → 26/11/2013
Project: PhD

3D Image and Video Processing and Coding
15/03/2010 → 23/09/2013
Project: PhD

Forward Error Correcting Codes for 100Gbit/s Optical Communication Systems
Li, B., Larsen, K. J., Forchhammer, S., Tafur Monroy, I., Berger, M. S., Aakjer, T. & Spinnler, B.
01/03/2010 → 26/09/2014
Project: PhD

Video Coding Processing
01/03/2010 → 23/09/2013
Project: PhD

Processing of coded video for LED backlight dimming of LCD displays for energy savings and high contrast
Forchhammer, S., Larsen, K. J., Bech, S., Verbraak, B. L., Pedersen, J. M. & Wu, X.
04/01/2010 → 31/08/2013
Project

Distributed Video Coding
Luong, H. V., Forchhammer, S., Larsen, K. J., Nielsen, M., Dittmann, L., Pereira, F. M. B. & Schelkens, P.
01/01/2010 → 21/06/2013
Project: PhD

Cross-Layer Optimization in Communication Networks
Danieli, M., Forchhammer, S. & Larsen, K. J.
15/09/2009 → 31/03/2012
Project: PhD

Distributed Video Coding for Communication Networks
Ukhanova, A., Forchhammer, S., Dittmann, L., Larsen, K. J., Callet, P. L. & Faber, E.
01/09/2009 → 22/11/2012
Project: PhD

Forster energy transfer in hybrid light emitting diode
Shirazi, R., Petersen, P. M., Kardynal, B., Forchhammer, S., Fontynont, M. & Miller, P.
01/08/2009 → 23/09/2013
Project: PhD

Distributed video coding and processing
01/07/2009 → 31/12/2012
Project

Optically sampled coherent detection for DQPSK systems
Guerrero Gonzalez, N., Tafur Monroy, I., Zibar, D., Forchhammer, S., Christensen, L. P. & Savory, S.
15/03/2008 → 25/05/2011
Project: PhD
Video Encoding for Resource Critical Applications
Huang, X., Forchhammer, S., Larsen, K. J., Forchheimer, R. & Wu, X.
01/05/2006 → 23/09/2009
Project: PhD

Wavelet Based Coding for Video Application
Li, H., Forchhammer, S., Perkis, A., Faber, E. & Larsen, K. J.
01/06/2005 → 23/09/2009
Project: PhD

Advanced Video Coding
Wu, M., Forchhammer, S., Larsen, K. J., Faber, E. & Pereira, F. M. B.
01/01/2005 → 29/08/2008
Project: PhD

Coding of Video Objects
Aghito, S. M., Forchhammer, S., Martins, B. & Ostermann, J.
15/08/2002 → 23/12/2005
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Constrained Coding for 2D Systems
Project: PhD

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Pedersen, S., Sharp, R., Forchhammer, S., Jensen, O. R. & Staalhagen, L.
01/06/1998 → 31/12/1998
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On Board Image Compression
Forchhammer, S. & Larsen, K. J.
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Forchhammer, S., Eliaisen, A. J. & Jensen, O. R.
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01/07/1997 → 31/03/1998
Project

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Forchhammer, S. & Martins, B.
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Project

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Project: PhD

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Project: PhD

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Toft, P. A., Sørensen, J. A., Møller, P. K., Forchhammer, S. & Granum, E.
01/03/1993 → 27/11/1996
Project: PhD

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01/02/1993 → 12/06/1996
Project: PhD