

Allan Lyckegaard - DTU Orbit (12/08/2016)

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Department of Energy Conversion and Storage - Researcher, Former

Publications:

Effectiveness of electronic stability control on single-vehicle accidents

Lyckegaard, A., Hels, T. & Bernhoft, I. M. 2015 In : Traffic Injury Prevention. 16, 4, p. 380-386
Publication: Research - peer-review › Journal article – Annual report year: 2015

Grain centre mapping - 3DXRD measurements of average grain characteristics.

Oddershede, J., Schmidt, S., Lyckegaard, A., Lauridsen, E. M., Wright, J. P. & Winther, G. 2014 *Strain and Dislocation Gradients from Diffraction: Spatially-Resolved Local Structure and Defects.* Barabash, R. & Ice, G. (eds.). World Scientific Publishing Co Pte Ltd, Ch. 7
Publication: Research - peer-review › Book chapter – Annual report year: 2014

Sikrere biler og trafikikkerhed

Hels, T., Bernhoft, I. M. & Lyckegaard, A. Aug 2013 In : Trafik & Veje. p. 18-20
Publication: Communication › Journal article – Annual report year: 2013

Analyzing the Relationship Between Car Generation and Severity of Motor-Vehicle Crashes in Denmark

Rich, J., Prato, C. G., Hels, T., Lyckegaard, A. & Kristensen, N. B. May 2013 In : Accident Analysis & Prevention. 54, p. 81-89 1 p.
Publication: Research - peer-review › Journal article – Annual report year: 2012

Analyzing the Relationship Between Car Generation and Severity of Motor-Vehicle Crashes in Denmark

Rich, J., Prato, C. G., Hels, T., Lyckegaard, A. & Kristensen, N. B. 2013
Publication: Research › Poster – Annual report year: 2013

Modeling accident frequency in Denmark for improving road safety

Lyckegaard, A., Hels, T., Kaplan, S., Bernhoft, I. M. & Prato, C. G. 2013
Publication: Research › Conference abstract for conference – Annual report year: 2013

Risk of driving when positive for psychoactive substances

Lyckegaard, A., Hels, T. & Bernhoft, I. M. 2013 In : I C A D T S Reporter. p. 491-496
Publication: Research › Conference abstract in journal – Annual report year: 2013

Risk of severe driver injury by driving with psychoactive substances

Hels, T., Lyckegaard, A., Bernhoft, I. M., Simonsen, K. W. & Steentoft, A. 2013 In : Accident Analysis and Prevention. 59, p. 346-356
Publication: Research - peer-review › Journal article – Annual report year: 2013

Sammenhæng imellem hastighed og uheld

Lyckegaard, A. 2013 *Transporthorisonter*. Broder Hansen, C. (ed.). Kgs. Lyngby: Technical University of Denmark, Transport, Ch. 4
Publication: Education › Book chapter – Annual report year: 2013

Box-scan: A novel 3DXRD method for studies of recrystallization and grain growth

Lyckegaard, A., Poulsen, H. F., Ludwig, W., Fonda, R. W. & Lauridsen, E. M. 2012 In : Materials Science Forum. 715-716, p. 518-520
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2012

Effekt af køretøjsteknik på trafikssikkerhed - en manual

Bernhoft, I. M., Lyckegaard, A. & Hels, T. 2012 Technical University of Denmark, Transport. 82 p. (DTU Transport rapport; No. 5, 2012).

Publication: Commissioned › Report – Annual report year: 2013

Kørsel med spiritus og stoffer

Bernhoft, I. M., Hels, T., Janstrup, K. & Lyckegaard, A. 2012 In : Trafik og Veje. 12.maj, p. 18-19

Publication: Communication › Journal article – Annual report year: 2012

Prevalence and risk of injury in Europe by driving with alcohol, illicit drugs and medicines

Bernhoft, I. M., Hels, T., Lyckegaard, A., Houwing, S. & Verstraete, A. G. 2012 In : Procedia - Social and Behavioral Sciences. p. 2907-2916

Publication: Research › Conference article – Annual report year: 2012

Udviklingen i bilers passive sikkerhed: skadesgrad for førere af person- og varebiler

Hels, T., Lyckegaard, A., Prato, C. G., Rich, J., Abele, L. & Kristensen, N. B. 2012 Kgs.Lyngby: Technical University of Denmark, Transport. 78 p. (Rapport / DTU Transport; No. 3, version 2a).

Publication: Research › Report – Annual report year: 2012

Development of tomographic reconstruction methods in materials science with focus on advanced scanning methods

Lyckegaard, A. Jan 2011 Roskilde: Risø National Laboratory for Sustainable Energy, Technical University of Denmark. 152 p. (Risø-PhD; No. 73(EN)).

Publication: Research › Ph.D. thesis – Annual report year: 2011

Correction of ring artifacts in X-ray tomographic images

Lyckegaard, A., Johnson, G. & Tafforeau, P. 2011 In : International Journal of Tomography & Statistics. 18, F11, p. 1-9

Publication: Research - peer-review › Journal article – Annual report year: 2011

Evaluering af trafikssikkerhedstiltag - en vejledning

Hels, T., Lyckegaard, A. & Pilegaard, N. 2011 Technical University of Denmark, Transport. 52 p. (DTU Transport. Notat; No. 2011:1).

Publication: Communication › Report – Annual report year: 2011

In situ measurements of growth rates and grain-averaged activation energies of individual grains during recrystallization of 50% cold-rolled aluminium

Poulsen, S. O., Lauridsen, E. M., Lyckegaard, A., Oddershede, J., Gundlach, C., Curfs, C. & Juul Jensen, D. 2011 In : Scripta Materialia. 64, 11, p. 1003-1006

Publication: Research - peer-review › Journal article – Annual report year: 2011

On the Use of Laguerre Tessellations for Representations of 3D Grain Structures

Lyckegaard, A., Lauridsen, E. M., Ludwig, W., Fonda, R. W. & Poulsen, H. F. 2011 In : Advanced Engineering Materials. 13, 3, p. 165-170

Publication: Research - peer-review › Journal article – Annual report year: 2010

Quantifying the Influence of Social Characteristics on Accident and Injuries Risk: A Comparative Study Between Motorcyclists and Car Drivers

Lyckegaard, A., Olesen, M. N. & Hels, T. 2011 *Young Researchers Seminar*. ECTRI– FEHRL– FERSI

Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Risk of injury by driving with alcohol and other drugs

Hels, T., Bernhoft, I. M., Lyckegaard, A., Houwing, S., Hagenzieker, M., Legrand, S-A., Isalberti, C., Linden, T. V. D. & Verstraete, A. 2011 77 p. (Project No. TREN-05-FP6TR-S07.61320-518404-DRUID).

Publication: Research - peer-review › Report – Annual report year: 2011

3Dgrain reconstruction from Boxscan data

Lyckegaard, A., Alpers, A., Ludwig, W., Fonda, R. W., Margulies, L., Götz, A., Sørensen, H. O., Dey, S. R., Poulsen, H. F. & Lauridsen, E. M. 2010 In : Risoe International Symposium on Materials Science. Proceedings. 31, p. 329-336

Publication: Research - peer-review › Conference article – Annual report year: 2010

4D characterization of metals by 3DXRD

Poulsen, H. F., Ludwig, W., Lauridsen, E. M., Schmidt, S., Pantleon, W., Olsen, U. L., Oddershede, J., Reischig, P., Lyckegaard, A., Wright, J. & Vaughan, G. 2010 In : *Risoe International Symposium on Materials Science. Proceedings.* 31, p. 101-119

Publication: Research - peer-review › Conference article – Annual report year: 2010

Recrystallization kinetics of 50% cold-rolled aluminum

Poulsen, S. O., Lyckegaard, A., Oddershede, J., Lauridsen, E. M., Gundlach, C., Curfs, C. & Juul Jensen, D. 2010 In : *Risoe International Symposium on Materials Science. Proceedings.* 31, p. 391-396

Publication: Research - peer-review › Conference article – Annual report year: 2010

Sammenhæng mellem hastighed og uheld

Lyckegaard, A. 2010 In : *DTF's elektroniske nyhedsbrev.* december

Publication: Research › Journal article – Annual report year: 2011

Box-scan: A new 3DXRD-based method for mapping polycrystalline materials

Lyckegaard, A. 2009

Publication: Research › Conference abstract for conference – Annual report year: 2009

Contextual Analysis of CT Scanned Pig Carcasses

Lyckegaard, A., Larsen, R., Christensen, L. B., Vester-Christensen, M. & Olsen, E. V. 2006 *52nd International Congress of Meat Science and Technology (ICoMST)*, Informatics and Mathematical Modelling, Technical University of Denmark, DTU, p. 207-208

Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Contextual volume grading vs. spectral calibration

Christensen, L. B., Lyckegaard, A., Borggaard, C., Romvari, R., Olsen, E. V., Branscheid, W. & Judas, M. 2006 *52nd International Congress of Meat Science and Technology: ICoMST*.

Publication: Research › Article in proceedings – Annual report year: 2006

Projects:

Alliance for Imaging and Modelling of Energy Applications

Andreasen, J. W., Poulsen, H. F., Mikkelsen, L. P., Sørensen, B. F., Bowen, J. R., Kuhn, L. T., Larsen, R., Hansen, P. C., Frandsen, H. L., Gundlach, C., Dahl, A. B., Jespersen, K. M., Beil, J., Andersen, M., Emerson, M. J., De Angelis, S., Yang, S., Poulsen, S. O., Lyckegaard, A., Birkelund, K., Jacobsen, H. S., Frandsen, H. L., Sørensen, H., Chapelle, L., Lauridsen, E. M. & Sørensen, H. O.

01/01/2014 → 31/12/2018

Project

Effekt af køretøjsteknik på sikkerhed - standardiserede målemetoder for køretøjstekniske forbedringer

Bernhoft, I. M., Lyckegaard, A., Hels, T. & Abele, L.

01/05/2012 → 30/11/2012

Project

Improving Road Safety : Developing a Basis for Socio-economic Prioritising of Road Safety Measures

Hakamies-Blomqvist, L., Hels, T., Møller, M., Rich, J., Kveiborg, O., Bernhoft, I. M., Martinussen, L. M., Janstrup, K. H., Lyckegaard, A., Abele, L. & Østergaard, M. H.

01/03/2010 → 28/02/2014

Project

Development of tomographic reconstruction methods for material science with focus on advanced scanning methods

Lyckegaard, A., Lauridsen, E. M., Larsen, R., Hansen, P. C., Ralph, B. & Suter, R. M.

01/08/2007 → 20/04/2011

Project: PhD

Driving under the Influence of Drugs, Alcohol and Medicines

Bernhoft, I. M., Hels, T., Larsen, L., Janstrup, K. H., Lyckegaard, A. & Kærup, S.

15/10/2006 → 14/10/2011

Project