

Today's Editor: Patricia (Patti) K. Lamm, Michigan State University

Today's Topics:

15th International Workshop on Optimization & Inverse Problems in Electromagnetism  
Chemnitz Symposium on Inverse Problems 2018

Positions Available in Research Group KU Leuven ESAT-STADIUS (E-DUALITY)

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Submissions for IPNet Digest:

Mail to [ipnet-digest@math.msu.edu](mailto:ipnet-digest@math.msu.edu)

Information about IPNet:

<http://ipnet.math.msu.edu>

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From: OIPE 2018 <[notifications@exordo.com](mailto:notifications@exordo.com)>

Subject: OIPE 2018: Registration now open

Date: Monday, June 18, 2018

2018, 11th to 13th September

OIPE 2018 - 15th International  
Workshop on Optimization and Inverse  
Problems in Electromagnetism

<http://www.oipe2018.at>

Dear Colleague,

we are happy to inform you that registration for OIPE 2018 is now open. Early bird registration fees will be available until July 9th, 2018. In order to start your registration, log in to your OIPE 2018 Dashboard at <https://oipe2018.exordo.com/login>

All information about the OIPE 2018 workshop including scientific and social program as well as travel and accommodation information is available on [www.oipe2018.at](http://www.oipe2018.at)

We look forward to welcoming you at OIPE 2018 in Hall in Tirol!

Yours Sincerely,

Daniel Baumgarten Chairman OIPE 2018

Click here to view an online version of this email:

[https://oipe2018.exordo.com/messages/view/155eb61c900b1a3f89fd91f09d4e5b9c\\_11975](https://oipe2018.exordo.com/messages/view/155eb61c900b1a3f89fd91f09d4e5b9c_11975)

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From: Chemnitz Symposium on Inverse Problems 2018 <csip2018@tu-chemnitz.de>  
Subject: Early bird registration Chemnitz Symposium on Inverse Problems  
Date: Friday, June 22, 2018

Dear Colleagues,

registration for the Chemnitz Symposium on Inverse Problems 2018 is still open.

Please note that early bird registration with reduced fee ends on June 30. Late registration is possible until end of July.

Online registration and further information is available under

[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.chemnitz-2Dam.de\\_ipsym2018\\_registration.php&d=DwIBaQ&c=nE\\_\\_W8dFE-shTxStwXtp0A&r=e3hMoihI-CgaL4e-VWcj0hsJb6Lg8FbptIXTFDPUMuc&m=WW8IrXYetSqQ0n-X097x1SdyvscSJCT\\_IZvmRxvAVbU&s=I-GN1o9IOVfR0rybINebTYW4iGS7Z9Jp75LpZ9pIzVc&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.chemnitz-2Dam.de_ipsym2018_registration.php&d=DwIBaQ&c=nE__W8dFE-shTxStwXtp0A&r=e3hMoihI-CgaL4e-VWcj0hsJb6Lg8FbptIXTFDPUMuc&m=WW8IrXYetSqQ0n-X097x1SdyvscSJCT_IZvmRxvAVbU&s=I-GN1o9IOVfR0rybINebTYW4iGS7Z9Jp75LpZ9pIzVc&e=)

If there are any questions, please do not hesitate to contact us by email

[csip2018@tu-chemnitz.de](mailto:csip2018@tu-chemnitz.de)

We are looking forward seeing you in Chemnitz!

Yours sincerely

Jens Flemming

on behalf of the organizing committee

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TU Chemnitz

Faculty of Mathematics

D-09107 Chemnitz, Germany

[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.chemnitz-2Dam.de\\_ipsym2018&d=DwIBaQ&c=nE\\_\\_W8dFE-shTxStwXtp0A&r=e3hMoihI-CgaL4e-VWcj0hsJb6Lg8FbptIXTFDPUMuc&m=WW8IrXYetSqQ0n-X097x1SdyvscSJCT\\_IZvmRxvAVbU&s=SxIIhsRaEBYL4u\\_Y6imwmiNRP0n6NR1ry4VYRV905vk&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.chemnitz-2Dam.de_ipsym2018&d=DwIBaQ&c=nE__W8dFE-shTxStwXtp0A&r=e3hMoihI-CgaL4e-VWcj0hsJb6Lg8FbptIXTFDPUMuc&m=WW8IrXYetSqQ0n-X097x1SdyvscSJCT_IZvmRxvAVbU&s=SxIIhsRaEBYL4u_Y6imwmiNRP0n6NR1ry4VYRV905vk&e=)

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From: Johan Suykens <Johan.Suykens@esat.kuleuven.be>

Subject: PhD and Postdoc positions KU Leuven (ERC Advanced grant E-DUALITY)

Date: Tuesday, June 12, 2018

The research group KU Leuven ESAT-STADIUS is currently offering 3 PhD and 3 Postdoc (1 year, extendable) positions within the framework of the ERC (European Research Council) Advanced Grant E-DUALITY

[https://urldefense.proofpoint.com/v2/url?u=http-3A\\_\\_www.esat.kuleuven.be\\_stadius\\_E&d=DwICaQ&c=nE\\_\\_W8dFE-shTxStwXtp0A&r=d\\_ce0\\_mh\\_PXvtyDkkix951B\\_s\\_t7QYc8Dtq82B52K8I&m=WLCD7P\\_qFvtR2U65jxXaAF19QvHSM651jDWzmxdnWSs&s=4QCOE4tsg0f2PJntS1vhbf3tz4lXBorZ\\_XtVkcbbp3tI&e=\(PI: Johan Suykens\) on Exploring Duality for Future Data-driven Modelling.](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.esat.kuleuven.be_stadius_E&d=DwICaQ&c=nE__W8dFE-shTxStwXtp0A&r=d_ce0_mh_PXvtyDkkix951B_s_t7QYc8Dtq82B52K8I&m=WLCD7P_qFvtR2U65jxXaAF19QvHSM651jDWzmxdnWSs&s=4QCOE4tsg0f2PJntS1vhbf3tz4lXBorZ_XtVkcbbp3tI&e=(PI: Johan Suykens) on Exploring Duality for Future Data-driven Modelling.)

Within this ERC project E-DUALITY we aim at realizing a powerful and unifying framework (including e.g. kernel methods, support vector machines, deep learning, multilayer networks, tensor-based models and others) for handling different system complexity levels, obtaining optimal model representations and designing efficient algorithms.

The research positions relate to the following possible topics:

- 1- Duality principles
- 2- Multiple data sources and coupling schemes
- 3- Manifold learning and semi-supervised schemes
- 4- Optimal prediction schemes
- 5- Scalability, on-line updating, interpretation and visualization
- 6- Mathematical foundations
- 7- Matching model to system characteristics

For further information and on-line applying, see

[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.kuleuven.be\\_personeel\\_jobsite\\_jobs\\_54681979&d=DwICaQ&c=nE\\_\\_W8dFE-shTxStwXtp0A&r=d\\_ce0\\_mh\\_PXvtyDkkix951B\\_s\\_t7QYc8Dtq82B52K8I&m=WLCD7P\\_qFvtR2U65jxXaAF19QvHSM651jDWzmxdnWSs&s=GmGMLvPRRu21NpI8sZRVQe3SnGTmix2sf3Deohe3EMs&e="](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.kuleuven.be_personeel_jobsite_jobs_54681979&d=DwICaQ&c=nE__W8dFE-shTxStwXtp0A&r=d_ce0_mh_PXvtyDkkix951B_s_t7QYc8Dtq82B52K8I&m=WLCD7P_qFvtR2U65jxXaAF19QvHSM651jDWzmxdnWSs&s=GmGMLvPRRu21NpI8sZRVQe3SnGTmix2sf3Deohe3EMs&e=) (PhD positions) and [https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.kuleuven.be\\_personeel\\_jobsite\\_jobs\\_54681807&d=DwICaQ&c=nE\\_\\_W8dFE-shTxStwXtp0A&r=d\\_ce0\\_mh\\_PXvtyDkkix951B\\_s\\_t7QYc8Dtq82B52K8I&m=WLCD7P\\_qFvtR2U65jxXaAF19QvHSM651jDWzmxdnWSs&s=8KP0-HQXYyVMLKb-Ap76fKZ7Q4yksI7RjxLL9v-xkEU&e="](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.kuleuven.be_personeel_jobsite_jobs_54681807&d=DwICaQ&c=nE__W8dFE-shTxStwXtp0A&r=d_ce0_mh_PXvtyDkkix951B_s_t7QYc8Dtq82B52K8I&m=WLCD7P_qFvtR2U65jxXaAF19QvHSM651jDWzmxdnWSs&s=8KP0-HQXYyVMLKb-Ap76fKZ7Q4yksI7RjxLL9v-xkEU&e=) (Postdoc positions)  
(click EN for English version).

The research group ESAT-STADIUS

[https://urldefense.proofpoint.com/v2/url?u=http-3A\\_\\_www.esat.kuleuven.be\\_stadius&d=DwICaQ&c=nE\\_\\_W8dFE-shTxStwXtp0A&r=d\\_ce0\\_mh\\_PXvtyDkkix951B\\_s\\_t7QYc8Dtq82B52K8I&m=WLCD7P\\_qFvtR2U65jxXaAF19QvHSM651jDWzmxdnWSs&s=zu6KLPOueZINOGrWeIxrUFabLlcjj2kf010vbUsxucY&e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.esat.kuleuven.be_stadius&d=DwICaQ&c=nE__W8dFE-shTxStwXtp0A&r=d_ce0_mh_PXvtyDkkix951B_s_t7QYc8Dtq82B52K8I&m=WLCD7P_qFvtR2U65jxXaAF19QvHSM651jDWzmxdnWSs&s=zu6KLPOueZINOGrWeIxrUFabLlcjj2kf010vbUsxucY&e=) at the university KU Leuven Belgium provides an excellent research environment being active in the broad area of mathematical engineering, including data-driven modelling, neural networks and machine learning, nonlinear systems and complex networks, optimization, systems and control, signal processing, bioinformatics and biomedicine.

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From: Robinson, Justin <Justin.Robinson@tandf.co.uk>

Subject: Inverse Problems in Science and Engineering, Volume 26, Issue 9, September 2018 is now available online on Taylor & Francis Online

Date: Wednesday, June 20, 2018

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<https://www.tandfonline.com/toc/gipe20/26/9>

Submitted by: Justin Robinson

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4 Park Square, Milton Park, Abingdon, Oxon, OX14 4RN, UK

Tel: +44 (0)20 755 19470

e-mail: [justin.robinson@tandf.co.uk](mailto:justin.robinson@tandf.co.uk)

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From: [noreply@iopscience.org](mailto:noreply@iopscience.org) <[noreply@iopscience.org](mailto:noreply@iopscience.org)>

Subject: Inverse Problems, Volume 34, Number 8, August 2018

Date: Thursday, June 28, 2018

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<http://iopscience.iop.org/issue/0266-5611/34/8>

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