

DST-NWO Selected Proposals 2016

Department of Science & Technology (DST), India and the Dutch Science Office (NWO), The Netherlands invited R&D projects in Data driven Science during March-April 2016. Based on independent reviews on two sides (both screening and personal interaction) and subsequent consultation between DST and NOW officials, a fused ranking of all the proposals was developed and following four proposals (1-4) have been initially agreed for support. Two other proposals (5-6) are currently on waiting list and may be considered for support subject to additional resources being made available for the programme:

S. No.	Title	Indian PI	Netherlands PI
1	Optimised energy harvest and storage using discrete electrolytes	Prof. Balasubramanian Sundaram	Prof. dr. René van Roij
2	Design and Synthesis of Novel Catalysts for Energy Applications via Nanoparticle Self-Assembly	Prof. SudeepPunnathanam	Dr. Laura Filion
3	Dispersed multiphase flows in sustainable energy conversion processes	Prof. Meheboob Alam	Prof. Dr. Detlef Lohse
4	Design of novel nanophotonic and plasmonic structures for improved solar cells using reverse-engineering	Prof. Srikanth Sastry	Prof. dr. ir.Marjolein
Reserve List (To be supported, subject to additional resources being available)			
5	Principal Component Analysis (PCA) based model extraction and Model Order Reduction (MOR) for large scale interconnected network of energy sources	Prof. Madhu N. Belur	M. KanatCamlibel,
6	Analysis and design of energy systems 2.0: the Lagrangian way	Prof. B.V. Rathish Kumar	Dr.ir. M.F.M. (Michel) Speetjens