



Invitation Uitnodiging Taletšo

UP Expert Lecture Series UP-ekspertlesingreeks Mohlwaela wa Dithutophahlošo ka Ditsebi tša UP

04/03/2015

www.up.ac.za

uprsvp5@up.ac.za

The Vice-Chancellor and Principal of the University of Pretoria, Prof Cheryl de la Rey, cordially invites you to attend the 17th lecture in the UP Expert Lecture Series titled:

“Energy efficiency and demand side management: do they still come to the rescue?”

presented by Prof Xiaohua Xia, director of the Centre of New Energy Systems (CNES) at the University of Pretoria.

Date Wednesday 4 March 2015

Lecture will start at 17:00

Cocktail after the lecture 18:15–19:30

Venue Senate Hall, Hatfield Campus, University of Pretoria

GPS coordinates S25° 45' 21" E28° 13' 51"

Dress Day wear

RSVP by 25 February at uprsvp5@up.ac.za

Enquiries Neo Maseko, 012 420 2631

The lecture gives an overview of the research activities of CNES which is a centre of excellence focused on energy efficiency research, service and development. It hosts the National Hub for the Postgraduate Programme in Energy Efficiency and Demand-side Management of which Prof Xia is the director, as well as the Exxaro Chair in Energy Efficiency.

Prof Xia will discuss energy efficiency and demand side management and poses the question whether this can still rescue the country from its energy predicament.

Prof Xia obtained his PhD at Beijing University of Aeronautics and Astronautics in 1989. He joined the University of Pretoria in 1998, and was promoted to professor in 2000.

He received an A rating from the National Research Foundation. His research interests include non-linear feedback control, observer design, time-delay systems, hybrid systems, modelling and control of HIV/Aids, control and handling of heavy-haul trains and energy modelling and optimisation.

The UP Expert Lecture Series provides a public platform for researchers of the University of Pretoria to engage with a general audience on significant developments in their fields of expertise that are likely to have an impact in the future.

We invite you to participate in UP's one-hour Expert Lecture Series and to be enriched by the University's research output.

Die Visekanselier en Rektor van die Universiteit van Pretoria, prof Cheryl de la Rey, nooi u hiermee vriendelik uit na die 17de lesing in die UP-Ekspertlesingreeks getitel:

“Energiedoeltreffendheid en vraagkantbestuur: bied dit steeds uitkoms?”

aangebied deur prof Xiaohua Xia, Direkteur van die Sentrum vir Nuwe Energiestelsels (SNES) aan die Universiteit van Pretoria.

Datum Woensdag 4 Maart 2015
Lesing begin stiptelik om 17:00
Skemerkelk na afloop 18:15–19:30
Plek Senaatsaal, Hatfieldkampus, Universiteit van Pretoria
GPS-koördinate S25° 45' 21" O28° 13' 51"
Drag Dagpak
RSVP teen 25 Februarie by uprsvp5@up.ac.za
Navrae Neo Maseko, 012 420 2631

Motlatšamokhanseliri le Hlogo ya Yunibesithi ya Pretoria Prof Cheryl de la Rey o go laletša ka lethabo thutophahlošong ya bo 17 mo Mohlwaela wa Dithutophahlošo ka Ditsebi tša UP:

“Bokgoni bja enetši le taolo ya lehlakore la nyako: naa di sa phološa?”

yeo e abjago ke Prof Xiaohua Xia, molaodimogolo wa Senthara ya Mekgwa ya Enetši ye Mefsa.

Tšatšikgwedi Laboraro 4 Hlakola 2015
Nako 17:00
Dino morago ga thutophahlošo 18:15–19:30
Lefelo Holo ya Senate, Khamphase ya Hatfield, Yunibesithi ya Pretoria Pretoria
Ditaetšo tša GPS S25° 45' 21" E28° 13' 51"
Moaparo Moaparo wa mosegare
Phetolo By 25 Dibokwane go uprsvp5@up.ac.za
Dipotšišo Neo Maseko, 012 420 2631

Die lesing gee 'n oorsig van die navorsingsaktiwiteite van SNES, 'n sentrum van uitnemendheid wat gerig is op navorsing oor, dienslewering met betrekking tot en die ontwikkeling van energiedoeltreffendheid. Die sentrum huisves die Nasionale Spil vir die Nagraadse Program in Energiedoeltreffendheid en Vraagkantbestuur met prof Xia as direkteur, asook die Exxaro-leerstoel in Energiedoeltreffendheid.

Prof Xia bespreek energiedoeltreffendheid en vraagkantbestuur en vra die vraag of dit die land uit sy energieverknorsing kan red.

Prof Xia het die graad PhD in 1989 aan die Beijing-universiteit vir Lugvaartkunde en Ruimtevaartkunde in China behaal. Hy het in 1998 by die Universiteit van Pretoria aangesluit en is in 2000 tot professor bevorder.

Die Nasionale Navorsingstigting het 'n A-gradering aan hom toegeken. Hy stel belang in navorsing oor die volgende onderwerpe: nielineêre terugvoerbeheer, waarnemerontwerp, tydvertragingstelsels, hibriedstelsels, modellering en beheer van HIV/Vigs, beheer en hantering van swaarvragtreine en energiemodellering en optimisering.

Die UP-ekspertlesingreeks bied 'n openbare platform vir navorsers van die Universiteit van Pretoria om met 'n algemene gehoor te kan praat oor beduidende ontwikkelings wat waarskynlik in die toekoms 'n invloed op hul vakgebied sal hê.

Ons nooi u uit om aan UP se uurlange Ekspertlesingreeks deel te neem en deur die Universiteit se navorsingsuitset verryk te word.

Thutophahlošo e fa kakaretšo ya mešongwana ya dinyakišišo tša Senthara ya Mekgwa ya Enetši ye Mefsa yeo e lego senthara ya bokgoni yeo e nepišitšego go dinyakišišo tša bokgoni bja enetši, tirelo le tšweletšopele. E swara Hapo ya Setšhaba ya Mananeo a Dialogadigolwane ka Bokgoni bja Enetši le Taolo ya lehlakore la Nyakego yeo Prof Xia e lego molaodimogolo, gammogo le Modulasetulo wa Exxaro ka Bokgoni bja Enetši.

Prof Xia o tla bolela ka bokgoni bja enetši le taolo ya lehlakore la nyako gomme a botšiša potšišo ya gore naa se se ka phološa naga mo mathateng a yona a enetši.

Prof Xia o hweditše PhD ya gagwe Yunibesithing ya Beijing ya Aeronethiksi le Astronethiksi ka 1989. O thomile go šomela Yunibesithi ya Pretoria ka 1998, gomme a hlahlošetšwa maamong a boprofesa ka 2000.

O amogetše tekanyo ya A go tšwa go Motheo wa Dinyakišišo wa Setšhaba. Dikgahlego tša gagwe tša dinyakišišo di akaretša taolo ya dikarabo tšeo e sego tša nnete, moakanyetšo wa moelatlhoko, mekgwa ya go ditela nako, mekgwa ya lepastere, mmopo le taolo ya HIV/Aids, taolo le tshwaro ya ditimela tša go goga tša boima le mmopo wa enetši le kaonafatšo.

Mohlwaela wa Dithuto tša Ditsebi tša UP o abela banyakišiši ba Yunibesithi ya Pretoria sebaka sa go boledišana le setšhaba ka kakaretšo ka ditlhabollo tše bohlokwa ka magorong a mošomo wa bona a tsebo ao a ka bago le khuetšo ka moso.

Re go laletša go kgatha tema Mohlwaengeleng wa Dithuto tša Ditsebi tša UP tša iri ye tee gore o tle o matlafatšwe ke dipelo tša dinyakišišo tša Yunibesithi.
