



U3A Stilbaai

NUUSBULLETIN

SEPTEMBER 2022

MAANDELIKSE PRAATJIE

Maandag, 26 September 2022 @ 10h00
Die Waenhuis, Jagersbosch

PARE, HUWELIKE EN WISKUNDE

Johan Buys

Die abstrakte wiskundige konsep "stabiele huwelike" word gebruik om praktiese probleme van afparing (byvoorbeeld die toewysing van pas gegradueerde medici aan hospitale) te illustreer. Die toewysingsalgoritme vloei logies voort uit die intuïtief verstaanbare begrip van stabiele huwelike. Geen wiskundige formules word gebruik nie. Sommige kenmerke van wiskundige teorieë word ook kortliks bespreek; onder andere, wat is 'n "moeilike" probleem?

Dr Johan Buys het studeer aan die Universiteite Stellenbosch en Leiden (Nederland), waar hy 'n PhD-graad in Wiskunde verwerf het. Daarna was hy vir enkele jare verbonde aan die Raad op Atoomkrag en die WNNR in Pretoria, en vir byna dertig jaar as dosent in die Departement Wiskunde van Stellenbosch Universiteit. Reeds sedert sy voorskoolse jare het hy saam met sy gesin vakansies deurgebring op Stilbaai, en vanaf 2015 woon hy en sy vrou permanent op Stilbaai.

LET WEL: Die vergadering begin om 10h00; as beurtkrag voortgaan soos nou, sal die krag van 08h00 tot na 10h00 af wees. Ons sal begin met aankondigings, sodra die krag aankom kan die praatjie begin.

NEWS BULLETIN

SEPTEMBER 2022

MONTHLY MEETING

Monday, 26 September 2022 @ 10h00
Die Waenhuis, Jagersbosch

MATCHINGS, MARRIAGES AND MATHEMATICS

Johan Buys

The abstract mathematical concept "stable marriage" is employed to illustrate practical problems of obtaining matchings (for example, the allocation of medical graduates to hospitals). The algorithm used for the allocation problem follows logically from the intuitively clear idea of a stable marriage. No mathematical formulae are employed. Some characteristics of mathematical theories will be discussed briefly; for example, what is a "hard" problem?

Dr Johan Buys studied at the Universities of Stellenbosch and Leiden (The Netherlands), where he was awarded a PhD degree in Mathematics. He was then employed by the the Atomic Energy Board and the CSIR in Pretoria for a number of years, and was a lecturer in the Department of Mathematics at Stellenbosch University for almost thirty years. Since childhood he spent holidays in Stilbaai with his family and has been living permanently in Stilbaai with his wife since 2015.

NB. The meeting will start at 10h00; if loadshedding continues as at present, there will be no power from 08h00 till after 10h00. We will start with announcements, as soon as electricity is restored the talk can begin.

NAAMKAARTJIES

As jou ledegeld vir 2022 betaal is, kan jy jou naamkaartjie kry by 'n maandelikse vergadering. As jy nie maandelikse vergaderings kan bywoon nie, vra asseblief jou groep-leier om jou naamkaartjie te kry. Gebruik asseblief jou ou kaarthouer vir die nuwe kaartjie.

NAME TAGS

If you have paid your membership fee for 2022, your name tag can be collected at a monthly meeting. If you cannot attend monthly meetings, please ask your group leader to get your name tag. Please use your old card holder for the new card.

KOM GEE ONS 'N PRAATJIE

Daar is soveel interessante mense in Stilbaai wat net stil-stil hier afgetree het, en van wie mens min hoor of weet. Elkeen het 'n interessante verlede, of dalk 'n interessante ondervinding gehad, waarvan ander graag sal wil hoor.

Kom gee ons 'n praatjie hieroor, ons soek altyd na onderwerpe anders as die gewone (maar die gewone is dikwels ook baie interessant). As u weet van iemand wat 'n interessante storie het, laat ons asseblief weet.

Kontak ons by info@u3astilbaai.org as u 'n praatjie kan gee. As u hulp nodig het om 'n PowerPoint vertoning saam te stel, kan ons help.

COME GIVE US A TALK

There are so many interesting people in Stilbaai who retired here quietly, and of whom we know or hear little. Each has an interesting past, or perhaps had an interesting experience, of which others would like to hear.

Come give us a talk about this, we are always looking for subjects different to the usual (but the usual is often also very interesting). If you know of somebody who has an interesting story, please let us know.

Contact us at info@u3astilbaai.org if you can give us a talk. If you need assistance to prepare a PowerPoint presentation, we can help.

U3A STILBAAI GROEPE

U3A Stilbaai het verskeie groepe wat aktiwiteite vir lede aanbied. Meer inligting oor die groep aktiwiteite is op ons webtuiste: www.u3astilbaai.org.

- **Aandele Groep:** Die groep bly in kontak per epos. Kontak Deon by deonenelaine@gmail.com.
- **Astronomie groep:** As u by die groep wil aansluit, kontak Deon by begemannd@gmail.com. Lees meer oor die groep op www.u3astilbaai.org/astronomy.
- **Botaniese Uitstappies :** Hierdie nuwe groep bestudeer interessante inheemse plante in die veld. Kontak asseblief vir Christina by stilbaai6674@gmail.com as u belangstel.
- **Fotografie Groep:** Enige lid wat belangstel om by die groep aan te sluit kan Richard by rwebb01@gmail.com kontak. Meer inligting op www.u3astilbaai.org/photography.
- **Neurowetenskap Groep:** Kontak Jenni by jennisharkey@gmail.com indien u by die groep en/of die Zoom praatjies wil aansluit. Lees oor die groep op www.u3astilbaai.org/neuroscience.
- **Stapgroep:** Die groep stap normaalweg op Vrydag oggende. As u by die groep wil aansluit, kontak Karl-Heinz by karl-heinz@wispernet.co.za. Inligting oor die groep is op www.u3astilbaai.org/hiking.
- **Voëlgroep:** Kontak Krysia by krysiastenvert@gmail.com indien u belangstel om by die groep aan

U3A STILBAAI GROUPS

U3A Stilbaai has several groups offering activities to members. More information about the group activities are on our website: www.u3astilbaai.org.

- **Astronomy Group:** If you are interested in joining the group, contact Deon at begemannd@gmail.com. Read about the group on www.u3astilbaai.org/astronomy.
- **Bird Group:** Contact Krysia at krysiastenvert@gmail.com if you are interested in joining the group. More information is available on www.u3astilbaai.org/birdgroup.
- **Botanical Walks :** This new group studies interesting indigenous plants in the veld. Please contact Christina at stilbaai6674@gmail.com if you are interested.
- **Hiking Group:** The group normally hikes on Friday mornings. If you want to join the group, contact Karl-Heinz at karl-heinz@wispernet.co.za. Information about the group is on www.u3astilbaai.org/hiking.
- **Neuroscience Group:** Please contact Jenni at jennisharkey@gmail.com if you are interested joining the group and/or the Zoom talks. Read about the group on www.u3astilbaai.org/neuroscience.
- **Photography Group:** Any member interested in joining the group can contact Richard at

te sluit. Meer inligting is op www.u3astilbaai.org/birdgroup.

rwebb01@gmail.com. More information on www.u3astilbaai.org/photography.

- **Shares Group:** The group remains active via email. Contact Deon at deonenelaine@gmail.com.

OKTOBER MAANDELIKSE PRAATJIE

Maandag, 31 Oktober in Die Waenhuis

Die onderwerp van Dr Jan de Vynck se praatjie is "Suid-Kaap nabye kus mariene ekologie en die langtermyn verhouding met mense."

OKTOBER MONTHLY TALK

Monday, 31 Oktober in Die Waenhuis

The subject of Dr Jan de Vynck's talk is "South Cape near-shore marine ecology and the long-term relationships with humans."