DEAA	0 2017		November 6, E353				DEAA	0 2017		November 6, E354				DE 449 2017		November 6, E207			
Time	8-2017 Surname	Init	Topic	Advisor	2nd examiner	Convenor	Time	8-2017 Surname	Init	Topic	Advisor	2nd examiner	Convenor	PE448-2017 Time Surname	Init	Topic Topic	Advisor	2nd examiner	Convenor
			Analysis and Design of an Impulse Generator for Transformer Frequency							Centralized Home Energy Management System with Wireless Communication and									
08:00	VILJOEN	JP	Response Analysis	Mwaniki, Fred	Bekker, Nelius	Kamper, Maarten	08:00	STEYN	KC	Weather Control Development of a Solid-State Hybrid Circuit	Beukes, Johan	Booysen, Thinus	Wang, Rong-Jie	08:00 DU TOIT	Z	Coaxial Material Property Measurement	Wiid, Gideon	Van Niekerk, Carlo	Botes, Elmine
			Cubli: A Momentum Exchange Based					VAN DEVENTER		Breaker for Small Grid-Connected PV									
08:45	JONKER		Inverted Pendulum  Designing of a circuit that works in	Steyn, Herman	Engelbrecht, Japie	Mouton, Toit	U8:45	VAN DEVENTER	Ю	Inverters	Beukes, Johan	Booysen, Thinus	Wang, Rong-Jie	08:45 HORAK	KK	Current probe calibration	Wiid, Gideon	Van Niekerk, Carlo	Van Daalen, Corne
09:30	VAN WYK		collaboration with a static bicycle to charge cell phones ans a LCD display	Steyn, Herman	Visagie, Lourens	Mouton, Toit	09:30	HEYNS	K	Harmonic impact of photovoltaic inverters on the network	Beukes, Johan	Strauss, Johann	Booysen, Thinus	09:30 MUKADDAM	MR	PCB Line-Coupling Demo Development	Wiid, Gideon	Botes, Elmine	Perold, Willem
										Maximum Power Point Tracking Boost									
10:15	DU TOIT	PF	Solar Concentrating Heliostat	Steyn, Herman	Fourie, Coenrad	Mouton, Toit	10:15	SABAD	TM	Converter	Beukes, Johan	Booysen, Thinus	Mwaniki, Fred	10:15 SOLOMONS	LA	Single Port Antenna Characterization  Design, build and testing of an optimised	Wiid, Gideon	De Villiers, Dirk	Bekker, Nelius
11:00	ZYLSTRA	1	Spinning Wire Boom Control	Steyn, Herman	Engelbrecht, Japie	Mouton, Toit	11:00	uys	PJ	Power quality using smart meters with communication	Beukes, Johan	Garner, Karen	Booysen, Thinus	11:00 VAN ECK	WL	running tag	Meyer, Petrie	Wiid, Gideon	Bekker, Nelius
11.45	BURGER		Design and Implementation of a Mini Electronic Musical Keyboard	Garner, Karen	Mwaniki, Fred	Engelbrecht, Herman	11.45	PASTELLIDES		Design and application of a bi-directional converter	Gule, Nathie	Kamper, Maarten	Beukes, Johan	11:45 ACKER		Receiver Antenna for a Race Timing System	Meyer, Petrie	Wiid, Gideon	Bekker, Nelius
11.45	BUNGEN	ENI	· ·	Garrier, Karen	Mwaliki, Fled	Engelorechi, Herman	11.45	PASIELLIDES	30	Design of a Contactless Energy Transfer	dule, Natilie	Kamper, Maarten	beakes, Johan	11.45 ALKEN	R	Receiver Antenna for a Race filling system	meyer, recite	Wild, Gideon	beaxer, iveius
12:30	CASSIEM	м	Home-brew Variable Frequency Drive for Single-Phase Induction Machines	Garner, Karen	De Villiers, Dirk	Engelbrecht, Herman	12:30	DANIEL	FM	System for an Electrically Excited Synchronous Machine	Gule, Nathie	Kamper, Maarten	Beukes, Johan	12:30 BEKKER	-	The Theremin	Meyer, Petrie	Wiid, Gideon	Bekker, Nelius
			Analysis of Random Linear Network Coding for throughput improvement of a							Development of a Load Compensation						Design and Build a Camera Payload with FreeRTOS for a CanSat Deployed from a High-			
14:00	DYAMOND	WP	multisource multicast network	Engelbrecht, Herman	Du Preez, Johan	De Villiers, Dirk	14:00	MDAKANE	LP	Device	Gule, Nathie	Garner, Karen	Mwaniki, Fred	14:00 BOSHOFF	WH	Altitude Balloon	Jordaan, Willem	Gilmore, Jacki	Wiid, Gideon
14:45	DE LANGE	L	Automatic Plant Disease Recognition	Engelbrecht, Herman	Visagie, Lourens	Van Daalen, Corne	14:45	HUTTON	т	Low Voltage Ride Through on Doubly Fed Induction Generators	Gule, Nathie	Strauss, Johann	Mwaniki, Fred	14:45 MEYER	JE	Design and Launch of a CanSat at High Altitude	Jordaan, Willem	Steyn, Herman	Wiid, Gideon
			Network Enabled Power Circuitry for																
15:30	ABRAHAMS		Raspberry PIs  Path finding in an Emulated Minecraft	Engelbrecht, Herman	Strauss, Johann	Kamper, Herman	15:30	SADIE	А	Power Electronic Converter Emulator	Mouton, Toit	Bekker, Nelius	Mwaniki, Fred	15:30 VAN DER STOKKER	LH	Practical Star Gazing Application	Jordaan, Willem	Visagle, Lourens	Steyn, Herman
	SMITH		Client	Engelbrecht, Herman	Kamper, Herman	Gilmore, Jacki	16:15	CHINGWENA	мт	Thyristor-based starter for induction motors to improve starting torque quality	Mouton, Toit	Mwaniki, Fred	Strauss, Johann	16:15 JORDAAN	LH	Vibration Control in a Robotic Arm	Jordaan, Willem	Engelbrecht, Japie	Booysen, Thinus
PE44	8-2017 Surname	Init	November 7, E353	Advisor	2nd examiner	Convenor	PE44 Time	8-2017 Surname	Init	November 7, E354	Advisor	2nd examiner	Convenor	PE448-2017 Time Surname	Init	November 7, E207	Advisor	2nd examiner	Convenor
			Design and Simulation of Collision							Adaptive Modulation Using the B210						Analysis of an RSFQ Placement-and-Routing			
08:00	PALMER	L	Avoidance Algorithms for Multiple Drones	Engelbrecht, Japie	Wiid, Gideon	Engelbrecht, Herman	08:00	DE VILLIERS	DBB	Software Defined Radio Direction of Arrival Determination of Radio	Versfeld, Jaco	Gilmore, Jacki	Du Preez, Johan	08:00 HOMAN	D	Tool	Fourie, Coenrad	Perold, Willem	De Villiers, Dirk
00-45	COETSEE	,	High-performance integrated 3-axis CNC	Engelbracht Inci-	Jordan Willem	Steam Harman	08:45	MORTIE	AD	Sources using the USRP-2901 Software Defined Radio	Verrfeld Isca	Gilmora Jarki	Van Niekerk, Carlo	08:45 ENGELBRECHT		Superconductive circuit layouts to FastCap	Fourie Coen	Parold Willem	Meyer, Petrie
u8:45	COETSEE		Controller Optimal Deep Stall Recovery using Sampling	Engelbrecht, Japie	yorusan, writem	Steyn, Herman	us.45	INUTATION INC.	MU	Defined Radio Forward Error Correction code construction	Versfeld, Jaco	Gilmore, Jacki	vancinieners, Cario	OU.43 ENGELBREUM!	-	Model generator  Digital Beamforming Receiver using Software	course, coenrad	, croro, writem	wayer, reure
09:30	KATIYAR	А	Based Trajectory Planning	Engelbrecht, Japie	Van Daalen, Corne	Jordaan, Willem	09:30	DU PREEZ	В	based on FIR and IIR Filters	Versfeld, Jaco	Fourie, Coenrad	Van Niekerk, Carlo	09:30 OOSTHUIZEN	HLG	De ned Radio	Gilmore, Jacki	Botes, Elmine	Wiid, Gideon
10:15	LATEGAN	LS	Smartphone-Controlled Battery-Powered Automated Bluetooth Door Locking System	Engelbrecht, Japie	Steyn, Herman	Jordaan, Willem	10:15	KRUSE	CD	Soft-decision Decoding of Short to Medium Length Binary Codes	Versfeld, Jaco	Gule, Nathie	Van Niekerk, Carlo	10:15 STEGMANN	ME	Light-Based 2x2 Multi-Input Multi-Output Communications Channel	Gilmore, Jacki	Wiid, Gideon	Botes, Elmine
		Ē							Ť										
11:00	LOCHNER	JN	Automated Ball Catcher	Van Daalen, Corne	Mouton, Tolt	Jordaan, Willem	11:00	PEREIRA INGLES	JMD	Cow Dung Sniffer	Booysen, Thinus	Strauss, Johann	Garner, Karen	11:00 BOTHA	CF	Portable Spirometry	Gilmore, Jacki	Beyers, Ryno	Wiid, Gideon
11:45	SWART	R	Design and implementation of Atari 2600 Space Invaders controller	Van Daalen, Come	Mouton, Toit	Jordaan, Willem	11:45	MITCHELL	LE	Online Water Heater Energy Calculator with Recommendations	Booysen, Thinus	Wang, Rong-Jie	Garner, Karen	11:45 VAN DER BERG	AW	Design of a Gap Waveguide Package for X-band Microstrip Filters	Botes, Elmine	Beyers, Ryno	Meyer, Petrie
			Localisation of Robot with Unknown													Design of a Low-Pass Harmonic Suppression			
12:30	CORDEIRO	K	Correspondence	Van Daalen, Come	Mouton, Toit	Du Preez, Johan	12:30	LOUBSER	DM	Development of a Disk-Type Magnetic Gear Implementation of shielded windings	Wang, Rong-Jie	Gule, Nathie	Garner, Karen	12:30 REYNARD	MJ	Filter for Wireless Power Transfer Applications	Botes, Elmine	Beyers, Ryno	Meyer, Petrie
14-00	ROBINSON	DI	Normalized Differential Vegetation Index Mapping	Van Daalen, Corne	Barnard, Arno	Kamper, Herman	14:00	FARRELL	м	designed to eliminate harmful bearing currents in electrical machines	Wang, Rong-Jie	Gule, Nathie	Kamper, Maarten	14:00 BESWICK	RC.	Effcient Analysis of Antenna Arrays Through the use of Macro-basis Functions	Botha, Matthys	Van Niekerk, Carlo	Beyers, Ryno
14.00	NODITOR	D.	Automated Electrical Geyser Efficiency Test	van Daaren, come	Damero, Amo	Kamper, Derman	14.00	PHOLES		Mitigating common mode currents that	wang, nong-on-	duse, militie	Manager, Wasan Co.	14.00 DESTICE	100	Physical Optics with Edge Corrections for	DOLINE, WINCLINGS	Vall Hickory, Carlo	Depera, nyno
14:45	VENTER		System	Bekker, Nelius	Barnard, Arno	Kamper, Herman	14:45	LANDMAN	c	cause premature bearing failure	Wang, Rong-Jie	Kamper, Maarten	Van Daalen, Corne	14:45 ERASMUS	AP	Scattering Analysis	Botha, Matthys	De Villiers, Dirk	Beyers, Ryno
15:30	DE LANGE	нл	Design and implementation of a IoT based energy monitoring system	Bekker, Nelius	Barnard, Arno	Van Daalen, Corne	15:30	GERBER	s	Study and Design of a 3-Phase Written-Pole- Machine	Wang, Rong-Jie	Kamper, Maarten	De Villiers, Dirk	15:30 VAN VEUEREN	D	Design of an ultrasound attenuating polymer coated needle for coronary artery angiography	Perold, Willem	Gilmore, Jacki	Botes, Elmine
																The design of a biosensor based on an inkjet			
16:15 PE44	8-2017		November 8, E353				16:15 PE44	8-2017		November 8, E354				16:15 LAUBSCHER PE448-2017	WA	The design of a biosensor based on an inkjet printed MOSFET on paper November 8, E207	Perold, Willem	Gilmore, Jacki	De Villiers, Dirk
16:15 PE44 Time	8-2017 Surname	Init	November 8, E353	Advisor	2nd examiner	Convenor	16:15 PE44 Time	8-2017 Surname	Init	November 8, E354	Advisor	2nd examiner	Convenor	16:15 LAUBSCHER PE448-2017 Time Surname	WA	printed MOSFET on paper  November 8, E207 Topic	Perold, Willem	Gilmore, Jacki  2nd examiner	De Villiers, Dirk
Time	Surname	Init	Topic	Advisor	2nd examiner	Convenor	Time	Surname	Init	Topic	Advisor	2nd examiner Wang Rong-lie	Convenor Reukes Johan	PE448-2017 Time Surname	WA Init	printed MOSFET on paper  November 8, E207  Topic  Circular electric mode waveguide 3 dB hybrid	Advisor	2nd examiner	Convenor
08:00	VON WIELLIGH	Init	November 8, E353 Topic Generative Adversarial Networks PGM-based Edge Detection and Image	Advisor  Du Preez, Johan	2nd examiner Engelbrecht, Herman	Convenor Steyn, Herman	08:00	Surname	Init H	Topic  Permanent Magnet Synchronous Generator	Advisor Kamper, Maarten	2nd examiner Wang, Rong-Jie	Convenor Beukes, Johan	PE448-2017 Time Surname  08:00 MTETHO	WA Init	printed MOSFET on paper  November 8, E207 Topic	Perold, Willem  Advisor  Beyers, Ryno	Gilmore, Jacki  2nd examiner  Botes, Elmine	De Villiers, Dirk  Convenor  Meyer, Petrie
08:00	Surname	CA	Topic  Generative Adversarial Networks  PGM-based Edge Detection and Image Segmentation	Advisor	2nd examiner  Engelbrecht, Herman  Van Daalen, Corne	Convenor	Time	Surname	Init H	Topic	Advisor	Znd examiner  Wang, Rong-Jie  Vermeulen, Johan	Convenor  Beukes, Johan  Wang, Rong-Jie	PE448-2017 Time Surname	WA Init N	printed MOSFET on paper  November 8, E207  Topic  Circular electric mode waveguide 3 dB hybrid coupler	Advisor	2nd examiner	Convenor
08:00 08:45	VON WIELLIGH VERBURGH	CA	Topic  Generative Adversarial Networks  PGM-based Edge Detection and Image	Advisor  Du Preez, Johan		Convenor Steyn, Herman	08:00 08:45	Surname	Init H C	Topic  Permanent Magnet Synchronous Generator  Wound Rotor Synchronous Generator  Fotovoltaliese module demonstrasie eenhelid	Advisor Kamper, Maarten		Wang, Rong-Jie	PE448-2017 Time Surname 08:00 MTETHO 08:45 KOTZÉ	MA Init N AP	printed MOSFET on paper  November 8, E207  Topic  Circular electric mode waveguide 3 dB hybrid coupler	Advisor Beyers, Ryno	2nd examiner Botes, Elmine	Convenor  Meyer, Petrie
08:00 08:45	VON WIELLIGH	CA	Topic  Generative Adversarial Networks  PGM-based Edge Detection and Image Segmentation  Azimuth Control of a Weather Balloon Payload Box during Ascent	Advisor  Du Preez, Johan  Du Preez, Johan	Van Daalen, Corne	Steyn, Herman Steyn, Herman	08:00 08:45	GOPAL KLOPPERS	Init H C	Topic  Permanent Magnet Synchronous Generator  Wound Rotor Synchronous Generator  Fotovoltailese module demonstrasile eenheid High frequency induction annealer for	Advisor  Kamper, Maarten  Kamper, Maarten	Vermeulen, Johan		PE448-2017 Time Surname  08:00 MTETHO	Init N AP	printed MOSFET on paper  November 8, E207  Topic  Circular electric mode waveguide 3 dB hybrid coupler  Evanescent mode waveguide filter  Smoke Detector Activation Sensor  Innoke Detector Activation Sensor	Advisor Beyers, Ryno Beyers, Ryno	2nd examiner  Botes, Elmine  Meyer, Petrie	Convenor  Meyer, Petrie  Botes, Elmine
08:00 08:45 09:30	VON WIELLIGH VERBURGH	CA CV	Topic  Generative Adversarial Networks  PGM-based Edge Detection and Image Segmentation  Azimuth Control of a Weather Balloon	Advisor  Du Preez, Johan  Du Preez, Johan	Van Daalen, Corne	Steyn, Herman Steyn, Herman	08:00 08:45 09:30	GOPAL KLOPPERS	Init H C	Topic  Permanent Magnet Synchronous Generator  Wound Rotor Synchronous Generator  Fotovoltaliese module demonstrasie eenhelid	Advisor  Kamper, Maarten  Kamper, Maarten	Vermeulen, Johan	Wang, Rong-Jie	PE448-2017 Time Surname 08:00 MTETHO 08:45 KOTZÉ	MA AP MU	printed MOSFET on paper  November 8, E207  Topic  Circular electric mode waveguide 3 dB hybrid coupler  Evanescent-mode waveguide filter  Smoke Detector Activation Sensor	Advisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno	2nd examiner  Botes, Elmine  Meyer, Petrie	Convenor  Meyer, Petrie  Botes, Elmine
08:00 08:45 09:30 10:15	Surname  VON WIELLIGH  VERBURGH  VAN DE MERWE  LOMBARD	CA CV FN	Generative Adversarial Networks PG&P based Edge Detection and Image Segmentation Azimuth Control of a Weather Balloon Phyload Box during Ascent Design and Build of an Amateur Satellite Ground Station Educational to that teaches programming	Advisor  Du Preez, Johan  Du Preez, Johan  Visagie, Lourens  Visagie, Lourens	Van Daalen, Corne Steyn, Herman Jordaan, Willem	Steyn, Herman Steyn, Herman Steyn, Herman Strauss, Johann Perold, Willem	08:00 08:45 09:30	GOPAL KLOPPERS NIEUWOUDT PETERMANN	Init H C	Topic  Permanent Magnet Synchronous Generator  Wound Rotor Synchronous Generator  Fotovoltalese module demonstrasile eenheid rijgh frequency induction annealer for spelication of work hardened small arms ammunition casings	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Arnold  Rix, Arnold	Vermeulen, Johan  Beukes, Johan  Vermeulen, Johan	Wang, Rong-Jie Vermeulen, Johan Garner, Karen	PE448-2017 Time Surname 08:00 MTETHO 08:45 KOTZÉ 09:30 MCCULLOUGH 10:15 DE SMIDT	MA Init N AP MJ	printed MOSFI on paper  November 8, E207  Soyic  Coular detark mode waveguide 3 dB hybrid angele  livanescent mode waveguide litter  livanescent mode waveguide litter  limake Detector Activation Sensor  imostigating the use of lumped inductors as a remains to ministrate selectical small indienties.  In the design of an active receive autenna for	Advisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno  Van Niekerk, Cari	2nd examiner  Botes, Elmine  Meyer, Petrie  Fourie, Coenrad  D. Meyer, Petrie	Convenor  Meyer, Petrie  Botes, Elmine  Meyer, Petrie  Du Preez, Johan
08:00 08:45 09:30 10:15	VON WIELLIGH VERBURGH VAN DE MERWE	CV EN AA	Septic  Generative Adversarial Networks  PGM-based Edge Detection and Image Segmentation  Azimuth Control of a Weather Balloon Payload Box during Accent  Design and Build of an Amateur Satellite Ground Station	Advisor  Du Preez, Johan  Du Preez, Johan  Visagle, Lourens	Van Daalen, Corne Steyn, Herman	Convenor  Steyn, Herman  Steyn, Herman  Strauss, Johann	08:00 08:45 09:30	GOPAL KLOPPERS NIEUWOUDT	Init H C	Topic  Permanent Magnet Synchronous Generator  Wound Rotor Synchronous Generator  Fotovoltalese module demonstrasle eenheid rligh frequency induction annealer for spalication of work hardened small arms	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Arnold	Vermeulen, Johan Beukes, Johan	Wang, Rong-Jie Vermeulen, Johan	PE448-2017 Time Surname  08:00 MTETHO  08:45 KOTZÉ  09:30 MCCULLOUGH	WA Init  N AP MJ	grouted MOSFF on paper  November 8, E207  Soye  Could referric mode waveguide 3 dB hybrid cougler  funnescent mode waveguide 1 dB hybrid cougler  funnescent mode waveguide filter  funnescent mode waveguide filter  filmole Detector Activation Sensor  investigating the use of Humped inductors as a necession insignative Section 3 small indemnas  for minute filter for the design of an active receive antenna for commercialWo-1 applications	Advisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno	2nd examiner  Botes, Elmine  Meyer, Petrie  Fourie, Coenrad  D. Meyer, Petrie	Meyer, Petrie  Botes, Elmine  Meyer, Petrie
08:00 08:45 09:30 10:15	Surname  VON WIELLIGH  VERBURGH  VAN DE MERWE  LOMBARD	CV FN	Generative Adversarial Networks PGM-based Edge Detection and Image Agementation Assumuth Control of a Weather Balloon Psylodio Shou during Ascent Design and Build of an Amateur Satellite Ground Station Educational by that teaches programming principles Multi-satellite telemetry data decoder and web interface	Advisor  Du Preez, Johan  Du Preez, Johan  Visagie, Lourens  Visagie, Lourens	Van Daalen, Corne Steyn, Herman Jordaan, Willem	Steyn, Herman Steyn, Herman Steyn, Herman Strauss, Johann Perold, Willem	08:00 08:45 09:30 10:15	SUTNAME  GOPAL  KLOPPERS  NIEUWOUDT  PETERMANN  HEYNS	Init H C R	Topic  Permanent Magnet Synchronous Generator  Wound Rotor Synchronous Generator  Fotovoltalese module demonstrasile eenheid rijgh frequency induction annealer for spelication of work hardened small arms ammunition casings	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Arnold  Rix, Arnold	Vermeulen, Johan  Beukes, Johan  Vermeulen, Johan	Wang, Rong-Jie Vermeulen, Johan Garner, Karen	PE448-2017 Time Surname 08:00 MTETHO 08:45 KOTZÉ 09:30 MCCULLOUGH 10:15 DE SMIDT	WA Init N AP MJ J RH	protect MOSFE on paper  November 8, E207  November 8, E207  Close Control electric mode waveguide 3 dB hybrid coople:  Summissent mode waveguide filter  Soniels Detroits Advantion Sensor  menss to ministruire Electrically Small Advances  The design of an active receive antenna for commercialWef a policiations  Wheeler Cap - Sporpmental Analysis  Wheeler Cap - Sporpmental Analysis	Beyers, Ryno Beyers, Ryno Beyers, Ryno Van Niekerk, Carl	2nd examiner  Botes, Elmine  Meyer, Petrie  Fourie, Coenrad  D. Meyer, Petrie	Convenor  Meyer, Petrie  Botes, Elmine  Meyer, Petrie  Du Preez, Johan
08:00 08:45 09:30 10:15 11:00	SUTTAINE  VON WIELLIGH  VERBURGH  VAN DE MERWE  LOMBARD  NGCOYA  WAGNER	CV FN AA	Generative Adversarial Networks PGM-based Edge Detection and Image Generative Adversarial Network Arimuth Control of a Weather Balloon Payloade flow during Accent Design and Build of an Amateur Satellite Ground Station Educational by that teaches programming principles Multi-satellite telementry data decoder and web interface Reception and demodulation of Amateur satellite signals under Software Defined	Advisor  Du Preez, Johan  Du Preez, Johan  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens	Van Daalen, Corne Steyn, Herman Jordaan, Willem Fourie, Coenrad Versfeld, Jaco	Steyn, Herman Steyn, Herman Steyn, Herman Strauss, Johann Pecold, Willem Barnard, Arno Barnard, Arno	08:00 08:45 09:30 10:15 11:00	GOPAL  KLOPPERS  NIEUWOUDT  PETERMANN  HEYNS  BRUCE		Fernanent Magnet Synchronous Generator  Wound Rotor Synchronous Generator  Fotovoltaise module demonstrais exhelde legisle feetings with the state of the state o	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Arnold  Rix, Arnold  Rix, Arnold  Strauss, Johann	Vermeulen, Johan  Beukes, Johan  Vermeulen, Johan  Beukes, Johan  Beukes, Johan	Wang, Rong-Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan	PE448-2017 Time Sumane 08:00 MTETHO 08:40 K0726 09:30 MCCULLOUGH 10:15 DE SMIDT 11:50 VAN DER MERWE 11:45 NAUDE	WA Init N AP MU J RH AK	protect MOSFE on paper  November 8, E207  November 8, E207  Cloud refercite mode waveguide 3 dB hybrid coople  Sonela Detaction and waveguide 3 dB hybrid coople  Sonela Detaction Advantion Sensor  waveguides 1 de humpel inductors as a meass to ministruire Electrically Small Angenous  The design of an active receive autenous for commerciative 4 applications  Wheeler Cap - Experimental Analysis  Evaja and Optimisation of a Feed Women for a found Invasible Refered to Ashieve Maximum Parabelle Refered to Parabelle P	Beyers, Ryno Beyers, Ryno Beyers, Ryno Van Niekerk, Carl Van Niekerk, Carl	2nd examiner  Botes, Elmine  Meyer, Petrie  Fourie, Coenrad  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  O Meyer, Pitrie	Convenor  Meyer, Petrie  Botes, Elmine  Meyer, Petrie  Du Preez, Johan  Gule, Nathie  Gule, Nathie
08:00 08:45 09:30 10:15 11:00	SURNAME  VON WIELLIGH  VERBURGH  VAN DE MERWE  LOMBARD  NGCOYA	CV FN AA	Generative Adversarial Networks Generative Adversarial Networks PGM-based dage Detection and Image Segmentation Animuth Control of a Weather Balboon Payload Book outines Design and Build of an Amateur Satellite Ground Station Citicational toy that teaches programming principles Multi-satellite telementy data decoder and web Interface Reception and demodulation of Amateur	Advisor  Du Preez, Johan  Du Preez, Johan  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens	Van Daalen, Corne Steyn, Herman Jordaan, Willem Fourie, Coenrad	Steyn, Herman Steyn, Herman Steyn, Herman Strauss, Johann Perold, Willem Barnard, Arno	08:00 08:45 09:30 10:15 11:00	SUTNAME  GOPAL  KLOPPERS  NIEUWOUDT  PETERMANN  HEYNS		Foreiranent Magnet Synchronous Generator Wound Rotor Synchronous Generator Wound Rotor Synchronous Generator Wound Rotor Synchronous Generator Foreirane Synch	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Arnold  Rix, Arnold  Rix, Arnold	Vermeulen, Johan  Beukes, Johan  Vermeulen, Johan  Beukes, Johan	Wang, Rong-Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan	PE448-2017           Time         Surname           08:00         MTETHO           08:45         KOTZÉ           09:30         MCCULLOUGH           10:15         DE SMIDT           11:00         VAN DER MERWE	MI J J AK SGH	grouted MODFE on paper  Torce  Conclusi destrict mode waveguide 3 dill hybrid coople  Guarnescott mode waveguide 5 dill hybrid coople  Guarnescott mode waveguide filter  Guarnescott mode waveguide filter  Guarnescott mode waveguide filter  Guarnescott activation femore  Investigating the use of lumped inductors as a  destroated for the company of th	Beyers, Ryno Beyers, Ryno Beyers, Ryno Van Niekerk, Carl	2nd examiner  Botes, Elmine  Meyer, Petrie  Fourie, Coenrad  D Meyer, Petrie  D Meyer, Petrie	Convenor  Meyer, Petrie  Botes, Elmine  Meyer, Petrie  Du Preez, Johan  Gule, Nathle
08:00 08:45 09:30 10:15 11:00 11:45	SUTTAINE  VON WIELLIGH  VERBURGH  VAN DE MERWE  LOMBARD  NGCOYA  WAGNER	CV FN AA D R	Generative Adversarial Networks PRAM-based dage Derection and Image Segmentation Admundt Control of a Westher Balloon Payload Bloo during Accent Design and Build of an Amateur Satellite Ground Station Educational to yellow but teaches programming principles Generative Station Multi-satellite telementry data decoder and was interface. Reception and demodulation of Amateur satellite Aguation using Software Defined Addic Candid	Advisor  Du Preez, Johan  Du Preez, Johan  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens	Van Daalen, Corne Steyn, Herman Jordaan, Willem Fourie, Coenrad Versfeld, Jaco	Steyn, Herman Steyn, Herman Steyn, Herman Strauss, Johann Pecold, Willem Barnard, Arno Barnard, Arno	08:00 08:45 09:30 10:15 11:00	GOPAL  KLOPPERS  NIEUWOUDT  PETERMANN  HEYNS  BRUCE	AE	Fernanent Magnet Synchronous Generator  Wound Rotor Synchronous Generator  Fotovoltaise module demonstrais exhelde legisle feetings with the state of the state o	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Arnold  Rix, Arnold  Rix, Arnold  Strauss, Johann	Vermeulen, Johan  Beukes, Johan  Vermeulen, Johan  Beukes, Johan  Beukes, Johan	Wang, Rong-Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan	PE448-2017 Time Sumane 08:00 MTETHO 08:40 K0726 09:30 MCCULLOUGH 10:15 DE SMIDT 11:50 VAN DER MERWE 11:45 NAUDE	WA Init N AP MJ J RH AK SGH	protect MOSFE on paper  November 8, E207  November 8, E207  Cloud refercite mode waveguide 3 dB hybrid coople  Sonela Detaction and waveguide 3 dB hybrid coople  Sonela Detaction Advantion Sensor  waveguides 1 de humpel inductors as a meass to ministruire Electrically Small Angenous  The design of an active receive autenous for commerciative 4 applications  Wheeler Cap - Experimental Analysis  Evaja and Optimisation of a Feed Women for a found Invasible Refered to Ashieve Maximum Parabelle Refered to Parabelle P	Beyers, Ryno Beyers, Ryno Beyers, Ryno Van Niekerk, Carl Van Niekerk, Carl	2nd examiner  Botes, Elmine  Meyer, Petrie  Fourie, Coenrad  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  O Meyer, Pitrie	Convenor  Meyer, Petrie  Botes, Elmine  Meyer, Petrie  Du Preez, Johan  Gule, Nathie  Gule, Nathie
08:00 08:45 09:30 10:15 11:00 11:45 12:30	SUTNAME  VON WIELLIGH  VERBURGH  VAN DE MERWE  LOMBARD  NGCOYA  WAGNER  DE VILLIERS  MOWZER	CV FIN AA D R	Generative Adversarial Networks Generative Adversarial Networks Advanced Edge Detection and Image Adminuth Control of a Weather Balloon Paylood Box during Accent Design and Build of an Amateur Satellite Ground Station Educational by that teaches programming principles Multi-satellite telementy data decoder and web interface Reception and demodulation of Amateur satellite signals using Software Defined hadio Carista Car	Advisor  Du Preez, Johan  Ou Preez, Johan  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens  Sarnard, Arno	Van Daalen, Corne Steyn, Herman Jordaan, Willem Fouris, Coenrad Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco	Steyn, Herman Steyn, Herman Strauss, Johann Perold, Willem Barnard, Arno Barnard, Arno Barnard, Arno Wagle, Lourens	08:00 08:45 09:30 10:15 11:00 11:45 12:30	GOPAL  KLOPPERS  NELIWOUDT  PETERMANN  HEYNS  BRUCE  NOTHNAGEL  SMIT	AE	Fernament Magnet Synchronous Generator  Wound Rolor Synchronous Generator  Fotovolkaises module demonstrate erebedig  generative fotovolkaises module fotovolkaises  generative fotovolkaises  gen	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Arnold  Rix, Arnold  Rix, Arnold  Strauss, Johann  Ou Preez, Johan	Vermeulen, Johan Beukes, Johan Vermeulen, Johan Beukes, Johan Beukes, Johan Vermeulen, Johan Fourie, Johan	Wang, Rong-Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan  Beukes, Johan  Eawper, Herman	PE448-2017   Time   Seminary	WA Init N AP MJ J RH AK SGH Y	protect MOSFE on paper  November 8, E207  November 9, E207  Novemb	Rdvisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno  Van Niekerk, Carl  Van Niekerk, Carl  Van Niekerk, Carl  De Villiers, Dirk	Indicaminer  dotes, Elnine  Meyer, Petrie  Fourle, Coennad  o Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  O e Villers, Dirk  Beyers, Ryno  Beyers, Ryno	Convenor  Meyer, Petrie  Botes, Elmine  Meyer, Petrie  Du Prece, Johan  Gule, Nathle  Gule, Nathle  Gule, Nathle
08:00 08:45 09:30 10:15 11:00 11:45 12:30	SUTNAME VON WIELLIGH VERBURGH VAN DE MERWE LOMBARD NGCOYA WAGNER DE VILUERS	CV FN AA D R MYB	Generative Adversarial Networks PGM-based Edge Detection and Image Agementation Asimuch Control of a Weather Balloon Pysicolo flow ordings Agecent Design and Balloon Pysicolo flow ordings Design and Balloo of a Amateur Satellite Ground Station Educational by that teaches programming principles Multi-satellite telemetry data decoder and web interfaze Reception and demodulation of Amateur satellite signals using Software Defined Badio Daniel Daniel Daniel Daniel Daniel Daniel Daniel 100 Nanosecond TTL Pulse counter with Ethernel 100 Nanosecond TTL Pulse	Advisor  Du Preez, Johan  Du Preez, Johan  Visagle, Lourens  Visagle, Lourens  Visagle, Lourens  Visagle, Lourens  Visagle, Lourens  Visagle, Lourens	Van Daalen, Corne Steyn, Herman Jordaan, Willem Fourie, Coenrad Versfeld, Jaco Versfeld, Jaco	Steyn, Herman Steyn, Herman Strauss, Johann Perold, Willem Barnard, Arno Barnard, Arno Barnard, Arno	08:00 08:45 09:30 10:15 11:00 11:45 12:30	GOPAL  KLOPPERS  NELUWOUDT  PETERMANN  HEYNS  BRUCE  NOTHNAGEL	AE	Fernanent Magnet Synchronous Generator  Wound Rolor Synchronous Generator  Fratovoltaises module demonstrais erebeld  glight frequency inchion annealer for  application of work hardened small arms  ammunistic casing  Soloir Powered Air Conditioner  Design of a water-level monitoring system  Douls Aus Soloir Tracker  Processing and Machine Learning	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Arnold  Rix, Arnold  Rix, Arnold  Strauss, Johann  Strauss, Johann	Vermeulen, Johan  Beukes, Johan  Vermeulen, Johan  Beukes, Johan  Beukes, Johan  Vermeulen, Johan	Wang, Rong-Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan  Beukes, Johan	PE448-2017 Time Seminana 0850 MTETHO 08-55 KOTZE 09-30 MCCULLOUGH 10-15 DE SMIDT 11-00 VAN DER MERWE 113-55 NAUDE 12-30 KRIEL	WA Init  N AP MU J RH AK SGH Y	protect MOSFE on paper  November 8, E207  November 8, E207  November 8, E207  Charla efector mode waveguide 3 dil hybrid copier  Vanescent mode waveguide filter  Senkle Detector Advantion Sensor  Investigating the out of Immediatedictors as a meass to ministrutive Excitorally Small Advancess  The design of an active receive antenna for commerciativity and polymentation of a Peed Brom for a Commerciativity and polymentation of a Peed Brom for a Commerciativity and polymentation of a Peed Brom for a Commerciativity and polymentation of a Peed Brom for a Commerciativity and Parabolic Reflector Design and Social Plane Parabolic Reflector	Redvisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno  Van Niekerk, Carl  Van Niekerk, Carl  Van Niekerk, Carl	Ind examiner  Botes, Elnine  Meyer, Petrie  House, Connad  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  O De Villers, Dirk  Beyers, Ryno	Convenor  Meyer, Petrie Botes, Elmine Meyer, Petrie Ou Preez, Johan Gule, Nathie Gule, Nathie
08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:00	SUTNAME  VON WIELLIGH  VERBURGH  VAN DE MERWE  LOMBARD  NGCOYA  WAGNER  DE VILLIERS  MOWZER	CA CV FN AA D R MYB AM KJ	Generative Adversarial Networks Generative Adversarial Networks Folk based fige Detection and image Segmentation Assimith Central of a Westler Balloon Payload Base during Accent Design and Build of an Amateur Satellite Genumid Station Genumid Station Genumid Station Genumid Station Genumid Station Multi-satellite telement yell and programming principles Multi-satellite telement yell and second and well interface Recognition and Programming Second Station Genumid Station Genumid Station Genumid Station Genumid Station Genumid Station Cardist Data Ohamen 100 Nanoscond TTL Males counter with Ethernet Interface Nabura I, Sual Redundate OBDH Core for a CURSSAY	Advisor  Du Preez, Johan  Ou Preez, Johan  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens  Visagie, Lourens  Sarnard, Arno	Van Daalen, Corne Steyn, Herman Jordaan, Willem Fouris, Coenrad Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco	Steyn, Herman Steyn, Herman Strauss, Johann Perold, Willem Barnard, Arno Barnard, Arno Barnard, Arno Wagle, Lourens	08:00 08:45 09:30 10:15 11:00 11:45 12:30	GOPAL  KLOPPERS  NELIWOUDT  PETERMANN  HEYNS  BRUCE  NOTHNAGEL  SMIT	AE	Foreigness and Magnet Synchronous Generator Wound Rofor Synchronous Generator Wound Rofor Synchronous Generator Fortovoltaise module demonstratie eenhed Rynches Fortovoltaise module demonstratie eenhed Rynches Fortovoltaise module demonstratie eenhed Fortovoltaise module demonstratie eenhed Fortovoltaise module for work had been for w	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Arnold  Rix, Arnold  Rix, Arnold  Strauss, Johann  Ou Preez, Johan	Vermeulen, Johan Beukes, Johan Vermeulen, Johan Beukes, Johan Beukes, Johan Vermeulen, Johan Fourie, Johan	Wang, Rong-Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan  Beukes, Johan  Eawper, Herman	PE448-2017   Time   Seminary	WA Init  N AP MU J RH AK SGH Y T	protect MOSFE on paper  November 8, E207  November 9, E207  Novemb	Rdvisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno  Van Niekerk, Carl  Van Niekerk, Carl  Van Niekerk, Carl  De Villiers, Dirk	Indicaminer  dotes, Elnine  Meyer, Petrie  Fourle, Coennad  o Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  O e Villers, Dirk  Beyers, Ryno  Beyers, Ryno	Convenor  Meyer, Petrie  Botes, Elmine  Meyer, Petrie  Du Prece, Johan  Gule, Nathle  Gule, Nathle  Gule, Nathle
08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:45 15:30 16:15	SUTNAME  VON WIELIGH  VERBURGH  VAN DE MERWE  LOMBARD  NGCOYA  WAGNER  DE VILLIERS  MOWZER  MOWILA  BROWN  BONNET	CA CV FN AA D R MYB AM KJ	Generative Adversarial Networks Generative Adversarial Networks FAMS based fdgs Detection and image Segmentation Assume Control of a Waster's Billion Payload Blon during Accent Design and Build of an Amateur Satellite Ground Startion Gloud Startion Multi-startile telemently data decoder and wash interface Reception and demodulation of Amateur Startion Gloud Startion Candial Dual Channel 100 Namosocond TTL Pulse counter with Ethernet Starting Candial Dual Channel 100 Namosocond TTL Pulse Control with Ethernet Starting Candial Dual Channel 100 Namosocond TTL Pulse Control with Ethernet Starting UN Visible Light Detect for Prescol Lower Education Counter Control UN Visible Light Detect for Prescol Lower Education Candial Control Cont	On Preez, Johan On Preez, Johan On Preez, Johan Vinagle, Lourens Vinagle, Lourens Vinagle, Lourens Vinagle, Lourens Strangle, Lourens Barnard, Arno	Van Daalen, Corne Steyn, Herman Jordaan, Willem Fourie, Coenned Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco	Strays, Herman Strays, Herman Strays, Herman Strays, Johann Perold, Willem Barnard, Anno Barnard, Anno Barnard, Anno Waagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens	7ime 08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:45 15:30 16:15	GOPAL  KLOPPES  NELWOUDT  PETERMANN  HEYNS  BBUCE  NOTHHAGEL  SART  MCGREGOR  VAN BUDN  MOULIN	AE	Permanent Magnet Synchronous Generator Wound Rotor Synchronous Generator Fortvortalises module demonstrate eerheid Fight frequency inclution annotate for papilication of work hardened small arms ammunistion casing Sodur Powered Air Conditioner Design of a water-level monitoring system Dual-hard Sodur Tracker ammunistion casing Dual-hard Sodur Tracker Sodur Powered Machine Learning Fortingues Tockningues Tocknin	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Annold  Rix, Annold  Rix, Annold  Strauss, Johann  Du Preez, Johan  Du Preez, Johan  Du Preez, Johan  Lamper, Herman	Vermeulen, Johan  Neukes, Johan  Neukes, Johan  Beukes, Johan  Beukes, Johan  Neukes, Johan  Peukes, Johan  Fouries, Coenrad  Kamper, Herman	Wang, Rong Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan  Beukes, Johan  Kamper, Herman  Vermeulen, Johan	PE448-2017  SITES SUPPRISED  0850 MTETHO  0855 KOTZE  0930 MCCULLOUGH  1815 OE SMIDT  1100 VAN DER MERWE  1145 NAUDE  1400 NARANDASS  1445 SETATI	MA Init  N AP MU J RH AK SGH Y T	protect MOSFE on paper  November 8, E207  November 9, E207  Novemb	Advisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno  Van Niekerk, Carl  Van Niekerk, Carl  Van Niekerk, Carl  De Villiers, Dirk  De Villiers, Dirk	Indexaminer Botes, Elmine Meyer, Petrie Fourie, Coenrad  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  De Willers, Dirk  Beyers, Ryno  Beyers, Ryno  Yan Niekerk, Carlo	Commencer  Meyer, Petrie Botes, Limine Botes, Limine Meyer, Petrie Ou Prece, Johan Gule, Nathle Gule, Nathle Gule, Nathle Boyers, Byno
08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:45 15:30 16:15	SUTTABLE VON WIELIGH VERBURGH VAN DE MERWE LOMBARD NGCOYA WAGNER DE VILLIERS MOWZER MWILA BROWN	CA CV FN AA D R MYB AM KJ J	Generative Adversarial Networks  Generative Adversarial Networks  Admuch Control of a Weather Balloon  Paylook floor dings Detection and Image Segmentation  Asimuch Control of a Weather Balloon  Paylook floor during Access  Design and Balloof on Annatour Satellite  Ground Station  Educational toy that teaches programming principles  Multi-statilite telementy data decoder and web interface  Reception and demodulation of Annatour  satellite segman and demodulation of Annatour  satellite segman services  Cartisat  Doal Channel 100 Nanosecond TTI: Pulse  counter with Ethernel titlerface  Counter with Ethernel  Counter with	On Preez, Johan On Preez, Johan On Preez, Johan Vinagle, Lourens Vinagle, Lourens Vinagle, Lourens Vinagle, Lourens Strangle, Lourens Barnard, Arno	Van Daalen, Corne Steyn, Herman Jardaan, Willem Fouris, Coenrad Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Jaco Jerdan, Willem	Strays, Herman Strays, Herman Strays, Herman Strays, Johann Perold, Willem Barnard, Anno Barnard, Anno Barnard, Anno Waagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens	7ime 08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:45 15:30 16:15	GOPAL  SLOPERS  NELWOUDT  PETERMANN  HEYNS  BRUCE  NOTHNAGEL  SMIT  MCGREGOR  VAN BILON	AE	Fernanent Magnet Synchronous Generator  Wound Rotor Synchronous Generator  Fotovoltaises module demonstrais erebedel  gelijk frequency judicition annealer for  gelijk frequency judicition  gelijk frequency judici	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Annold  Rix, Annold  Rix, Annold  Strauss, Johann  Du Preez, Johan  Du Preez, Johan  Du Preez, Johan  Lamper, Herman	Vermeulen, Johan  Neukes, Johan  Neukes, Johan  Beukes, Johan  Beukes, Johan  Neukes, Johan  Peukes, Johan  Fouries, Coenrad  Kamper, Herman	Wang, Rong Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan  Beukes, Johan  Kamper, Herman  Vermeulen, Johan	PE448-2017  Intel Surveyer  GREO MITTHO  GRES ECITÉ  GREO MACULLOUGH  10-15 O ESMIDT  11-00 VAN DER MERWE  11-45 NAUDE  12-30 KRIEL  14-00 NARAINDASS  14-45 SETATI  15-30 NDAVI	WA Init N AP MJ J RH AK SGH Y T	protect MOSFE on paper  November 8, E207  November 9, E207  Novemb	Advisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno  Van Niekerk, Carl  Van Niekerk, Carl  Van Niekerk, Carl  De Villiers, Dirk  De Villiers, Dirk	Indexaminer Botes, Elmine Meyer, Petrie Fourie, Coenrad  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  De Willers, Dirk  Beyers, Ryno  Beyers, Ryno  Yan Niekerk, Carlo	Commencer  Meyer, Petrie Botes, Limine Botes, Limine Meyer, Petrie Ou Prece, Johan Gule, Nathle Gule, Nathle Gule, Nathle Boyers, Byno
08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:45 15:30 16:15	SUTNAME  VON WIELIGH  VERBURGH  VAN DE MERWE  LOMBARD  NGCOYA  WAGNER  DE VILLIERS  MOWZER  MOWILA  BROWN  BONNET	CA CV FN AA D R MYB AM KJ J	Generative Adversarial Networks Generative Adversarial Networks FAMS based fdgs Detection and image Segmentation Assume Control of a Waster's Billion Payload Blon during Accent Design and Build of an Amateur Satellite Ground Startion Gloud Startion Multi-startile telemently data decoder and wash interface Reception and demodulation of Amateur Startion Gloud Startion Candial Dual Channel 100 Namosocond TTL Pulse counter with Ethernet Starting Candial Dual Channel 100 Namosocond TTL Pulse Control with Ethernet Starting Candial Dual Channel 100 Namosocond TTL Pulse Control with Ethernet Starting UN Visible Light Detect for Prescol Lower Education Counter Control UN Visible Light Detect for Prescol Lower Education Candial Control Cont	On Preez, Johan On Preez, Johan On Preez, Johan Vinagle, Lourens Vinagle, Lourens Vinagle, Lourens Vinagle, Lourens Strangle, Lourens Barnard, Arno	Van Daalen, Corne Steyn, Herman Jardaan, Willem Fouris, Coenrad Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Jaco Jerdan, Willem	Strays, Herman Strays, Herman Strays, Herman Strays, Johann Perold, Willem Barnard, Anno Barnard, Anno Barnard, Anno Waagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens	7ime 08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:45 15:30 16:15	GOPAL  KLOPPES  NELWOUDT  PETERMANN  HEYNS  BBUCE  NOTHHAGEL  SART  MCGREGOR  VAN BUDN  MOULIN	AE	Permanent Magnet Synchronous Generator Wound Rotor Synchronous Generator Fortvortalises module demonstrate eerheid Fight frequency inclution annotate for papilication of work hardened small arms ammunistion casing Sodur Powered Air Conditioner Design of a water-level monitoring system Dual-hard Sodur Tracker ammunistion casing Dual-hard Sodur Tracker Sodur Powered Machine Learning Fortingues Tockningues Tocknin	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Annold  Rix, Annold  Rix, Annold  Strauss, Johann  Du Preez, Johan  Du Preez, Johan  Du Preez, Johan  Lamper, Herman	Vermeulen, Johan  Neukes, Johan  Neukes, Johan  Beukes, Johan  Beukes, Johan  Neukes, Johan  Peukes, Johan  Fouries, Coenrad  Kamper, Herman	Wang, Rong Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan  Beukes, Johan  Kamper, Herman  Vermeulen, Johan	PE448-2017  Intel Surveyer  GREO MITTHO  GRES ECITÉ  GREO MACULLOUGH  10-15 O ESMIDT  11-00 VAN DER MERWE  11-45 NAUDE  12-30 KRIEL  14-00 NARAINDASS  14-45 SETATI  15-30 NDAVI	WA Init N AP MU J RH AK SGH Y T VD	protect MOSFE on paper  November 8, E207  November 9, E207  Novemb	Advisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno  Van Niekerk, Carl  Van Niekerk, Carl  Van Niekerk, Carl  De Villiers, Dirk  De Villiers, Dirk	Indexaminer Botes, Elmine Meyer, Petrie Fourie, Coenrad  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  De Willers, Dirk  Beyers, Ryno  Beyers, Ryno  Yan Niekerk, Carlo	Commencer  Meyer, Petrie Botes, Limine Botes, Limine Meyer, Petrie Ou Prece, Johan Gule, Nathle Gule, Nathle Gule, Nathle Boyers, Byno
08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:40 16:15 16:15	SUTNAME  VON WIELIGH  VERBURGH  VAN DE MERWE  LOMBARD  NGCOYA  WAGNER  DE VILLIERS  MOWZER  MOWILA  BROWN  BONNET	CA CV FN AA D R MYB AM KJ J J J J D	Generative Adversarial Networks Generative Adversarial Networks Mark Board (fige Detection and image Segmentation Assimpt Control of a Weether Balloon Paylood Board and Secret Design and Ballid of an Amateur Satellite Genomic Station Education and toy that teaches programming principles Multi-suseflite setimently data decoder and week bindrical Secretaria of the Secretaria of Amateur Satellite Secretaria of Sec	On Preez, Johan On Preez, Johan On Preez, Johan Vinagle, Lourens Vinagle, Lourens Vinagle, Lourens Vinagle, Lourens Strangle, Lourens Barnard, Arno	Van Daalen, Corne Steyn, Herman Jardaan, Willem Fouris, Coenrad Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Jaco Jerdan, Willem	Strays, Herman Strays, Herman Strays, Herman Strays, Johann Perold, Willem Barnard, Anno Barnard, Anno Barnard, Anno Waagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens Visagle, Lourens	08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:00 14:01 15:30 16:15 PE44	GOPAL  KLOPPES  NELWOUDT  PETERMANN  HEYNS  BBUCE  NOTHHAGEL  SART  MCGREGOR  VAN BUDN  MOULIN	AE	Permanent Magnet Synchronous Generator Wound Rotor Synchronous Generator Fortvortalises module demonstrate eerheid Fight frequency inclution annotate for papilication of work hardened small arms ammunistion casing Sodur Powered Air Conditioner Design of a water-level monitoring system Dual-hard Sodur Tracker ammunistion casing Dual-hard Sodur Tracker Sodur Powered Machine Learning Fortingues Tockningues Tocknin	Advisor  Kamper, Maarten  Kamper, Maarten  Rix, Annold  Rix, Annold  Rix, Annold  Strauss, Johann  Du Preez, Johan  Du Preez, Johan  Du Preez, Johan  Lamper, Herman	Vermeulen, Johan  Neukes, Johan  Neukes, Johan  Beukes, Johan  Beukes, Johan  Neukes, Johan  Peukes, Johan  Fouries, Coenrad  Kamper, Herman	Wang, Rong Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan  Beukes, Johan  Kamper, Herman  Vermeulen, Johan	PE448-2017  Intel Surveyer  GREO MITTHO  GRES ECITÉ  GREO MACULLOUGH  10-15 O ESMIDT  11-00 VAN DER MERWE  11-45 NAUDE  12-30 KRIEL  14-00 NARAINDASS  14-45 SETATI  15-30 NDAVI	WA Init N AP MJ J RH AK SGH Y T	protect MOSFE on paper  November 8, E207  November 9, E207  Novemb	Advisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno  Van Niekerk, Carl  Van Niekerk, Carl  Van Niekerk, Carl  De Villiers, Dirk  De Villiers, Dirk	Indexaminer Botes, Elmine Meyer, Petrie Fourie, Coenrad  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  De Willers, Dirk  Beyers, Ryno  Beyers, Ryno  Yan Niekerk, Carlo	Commonor  Meyer, Petrie Botes, Limine Moyer, Petrie Ou Prece, Johan Gule, Nathle Gule, Nathle Gule, Nathle Gule, Nathle Boyers, Byno
08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:40 16:15 16:15 16:15 16:15 16:15 16:15	VON WIELLIGH VERBURGH VAN DE MERWE LOMBARD NGCOYA WAGNER DE VILLIERS MOWZER MVILLA BROWN BONNET 8-2017 SUFFERENCE BURCHER JONES	CA CV FN AA D R MYB AM KJ J J	Generative Adversarial Networks  Generative Adversarial Networks  Armunds Control of a Weather Balloon  Paylond file during Access  Design and Build of an Amateur Satellite  Ground Station  Educational by that teaches programming  principles  Multi-satellite telementy data decoder and  well interface  Reception and demodulation of Amateur  satellite signals using Software Defined  Audio  London and Control of the Software Control  Confect  Confect  Counter with Ethernet 100 Nanosecond TTL Public  counter with Ethernet Interface  Counter With Ethernet 100 Nanosecond TTL Public  Counter With Ethernet 100 Nanosecond TTL	Ou Preez, Johan Ou Preez, Johan Ou Preez, Johan Vitaglo, Lourens Vitaglo, Lourens Vitaglo, Lourens Vitaglo, Lourens Ougelo, Lo	Van Daalen, Corne Steyn, Herman Jordaan, Willem Feurie, Coenrad Vendeld, Jaco Vendeld, Jaco Vendeld, Jaco Vendeld, Jaco Oe Villen, Dok Jordaan, Willem Jordan, Jordan Vendeld, Jaco	Steyn, Herman Steyn, Herman Straus, Johann Perold, Willem Barnard, Arno Barnard, Arno Barnard, Arno Whagle, Lourens Whagle, Lourens Whagle, Lourens Gimore, Jacki	08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:00 14:45 15:30 16:15 PE44 Time 08:00	GORAGE GOPAL KLOPPERS NEUWOUDT PETERMANN HETNIS BRUCE NOTHMAGEL SMIT MCGREGOR VAN BLUON MAULIN P-2-017 Generice SCHWALB	AE	Permanent Magnet Synchronous Generator  Wound Rolor Synchronous Generator  Fortoverlaises module demonstrate enthed gigs  gigs frequency inclusion annotate for  application of such hardened small arms  ammunition casing  Solar Powered Air Conditioner  Design of a water-level monitoring system  Doue Anis folior Tocker  construction of the Conditioner  Processing and Martine Issuing  Frechiques  Repetition of the Conditioner  Repetition of the Condition  November 9, E354  Tock  Generating mask with neural networks  Courry by example speech search using a	Kamper, Maarten Kamper, Maarten Ris, Arnold Ris, Arnold Ris, Arnold Strauss, Johan Du Preez, Johan Du Preez, Johan Du Preez, Johan Aldrieser Kamper, Merman	Vermeulen, Johan Beukes, Johan Vermeulen, Juhan Beukes, Johan Beukes, Johan Vermeulen, Johan Vermeulen, Johan Fourin, Coenrad Kamper, Herman Kamper, Herman Zind enaminer Üngelbrecht, Herman	Wang, Rong Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan  Vermeulen, Johan  Reulen, Johan  Kamper, Herman  Kamper, Herman  Gemen Johan  Gemen Johan	PE448-2017  Intel Surveyer  GREO MITTHO  GRES ECITÉ  GREO MACULLOUGH  10-15 O ESMIDT  11-00 VAN DER MERWE  11-45 NAUDE  12-30 KRIEL  14-00 NARAINDASS  14-45 SETATI  15-30 NDAVI	WA Init N AP MJ J RH AK SGH Y T VD	protect MOSFE on paper  November 8, E207  November 9, E207  Novemb	Advisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno  Van Niekerk, Carl  Van Niekerk, Carl  Van Niekerk, Carl  De Villiers, Dirk  De Villiers, Dirk	Indexaminer Botes, Elmine Meyer, Petrie Fourie, Coenrad  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  De Willers, Dirk  Beyers, Ryno  Beyers, Ryno  Yan Niekerk, Carlo	Commonor  Meyer, Petrie Botes, Limine Moyer, Petrie Ou Prece, Johan Gule, Nathle Gule, Nathle Gule, Nathle Gule, Nathle Boyers, Byno
08:05 08:45 09:30 10:15 11:00 11:45 12:30 14:00 14:45 15:30 16:15 PE44 Time 08:00 08:45	VON WELLIGH VERBURGH VAN DE MERWE LOMBARD NGCOYA WAGNER DE VILLERS MOWZER MOWILA BROWN BRO	CA CV FN AA D R MYB AM KJ J J	Generative Adversarial Networks Generative Adversarial Networks Mark Board (fige Detection and image Segmentation Assimpt Control of a Weether Balloon Paylood Board and Secret Design and Ballid of an Amateur Satellite Genomic Station Education and toy that teaches programming principles Multi-suseflite setimently data decoder and week bindrical Secretaria of the Secretaria of Amateur Satellite Secretaria of Sec	Ou Preez, Johan Ou Preez, Johan Vilagio, Lourens Vilagio, Lourens Vilagio, Lourens Vilagio, Lourens Vilagio, Lourens Strange, Jourens Strange, Armo Barnard, Armo	Van Daalen, Corne Steyn, Herman Jordaan, Willem Fourie, Coernad Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Versfeld, Jaco Oe Villers, Ook Jordaan, Willem On Villers, Ook Jardaan, Willem Jaco Jaco Jardaan, Willem Jaco Jaco Jaco Jardaan, Willem Jaco Jaco Jaco Jaco Jaco Jaco Jaco Jaco	Steyn, Herman Steyn, Herman Straus, Johann Perold, Willem Barnard, Arno Barnard, Arno Barnard, Arno Wagle, Lourens Visagle, Lourens Wagle, Lourens Convenor	08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:45 15:30 16:15 PE44 Time 08:00 08:45	GOPAL  KLOPFERS  NELWOUDT  PETERMANN  NETVIS  BRUCE  NOTHHAGEL  SMAT  MCGREGOR  VAN BUJON  MUJUN  8-2017	AE	Fernament Magnet Synchronous Generator Wound Rotor Synchronous Generator Wound Rotor Synchronous Generator Wound Rotor Synchronous Generator Fortovitaties model demonstrasie eerheid Feigh Frequency induction annotier for popilication of work hardered small arm ammunition casings Sodiar Powered Air Conditioner Design of a water-level monitoring system Dual-Auis Solar Tracker Processing and Machine Learning Fechologies Bayesian Multinomial Logistic Regression Creating institution of the Conditioner Creating Institution of the Conditioner Research Solar Automatical Tracker Research Solar Tracker Processing and Machine Learning Fechologies Bayesian Multinomial Logistic Regression Creating Institution of the Conditioner Research Solar Automatical November 9, E354 Tools Generating music with neural networks	Advisor  Kamper, Maarten  Rix, Arnold  Rix, Arnold  Rix, Arnold  Strauss, Johann  Strauss, Johann  Du Preez, Johan  Du Preez, Johan  Du Preez, Johan  Advisor	Vermeulen, Johan Beukes, Johan  Vermeulen, Juhan Beukes, Johan  Beukes, Johan  Beukes, Johan  Vermeulen, Johan  Fourie, Coernad  Kamper, Herman  Kamper, Herman  Langelivechi, Herman  Dagelivechi, Herman	Wang, Rong Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan  Vermeulen, Johan  Reukes, Johan  Gamper, Herman  Gamper, Herman  Gamper, Johan  Gamper	PE448-2017  Intel Surveyer  GREO MITTHO  GRES ECITÉ  GREO MACULLOUGH  10-15 O ESMIDT  11-00 VAN DER MERWE  11-45 NAUDE  12-30 KRIEL  14-00 NARAINDASS  14-45 SETATI  15-30 NDAVI	WA Init N AP MU J RH AK SGH Y T	protect MOSFE on paper  November 8, E207  November 9, E207  Novemb	Advisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno  Van Niekerk, Carl  Van Niekerk, Carl  Van Niekerk, Carl  De Villiers, Dirk  De Villiers, Dirk	Indexaminer Botes, Elmine Meyer, Petrie Fourie, Coenrad  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  De Willers, Dirk  Beyers, Ryno  Beyers, Ryno  Yan Niekerk, Carlo	Commonor  Meyer, Petrie Botes, Limine Moyer, Petrie Ou Prece, Johan Gule, Nathle Gule, Nathle Gule, Nathle Gule, Nathle Boyers, Byno
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08:05 08:45 09:30 10:15 11:00 11:45 12:30 14:45 15:30 16:15 16:35 PE444 Fire 08:00 08:45	VON WIELLIGH VERBURGH VAN DE MERWE LOMBARD NGCOYA WAGNER DE VILLERS MOWZER MOWZER MOWILA BROWN BONNET 8-2017 STATT JANSE VAN VUUR	CA CV FN AA D R MYB AM KJ J J J CP R CY	Generative Adversarial Networks Generative Adversarial Networks Folk based felgs Detection and image Segmentation Animal Control of a Washer Balloon Payload Band during Accent Congra and Ballod of an Annateur Satellite Ground Station Generative Adversarial Section Generative Adversarial Section Generative Adversarial Section Generative Adversarial Section Multi-statilite telemently data decoder and with interface Reception and demodulation of Annateur Individual Section Multi-statilite telemently data decoder and with interface Reception and demodulation of Annateur Individual Section Multi-statilite telemently data decoder and with interface Reception and demodulation of Annateur Individual Section Multi-statilite telemently data decoder and with interface Section of Control Con	Ou Preez, Johan  Ou Preez, Johan  Ou Preez, Johan  Vitaglis, Lourens  Vitaglis, Lourens  Vitaglis, Lourens  Vitaglis, Lourens  Vitaglis, Lourens  Vitaglis, Lourens  Sarnard, Arno  Barnard, Arno  Barnard, Arno  Barnard, Arno  Barnard, Arno  Montium  Vermeulen, Johan  Vermeulen, Johan  Vermeulen, Johan  Vermeulen, Johan	Van Daalen, Corne Steyn, Herman Jordaan, Willem Fouris, Coennad Wordeld, Jaco Wordeld, Jaco Wordeld, Jaco Wordeld, Jaco Jordaan, Willem Oo Villers, Dirk Jad easenieer Wordeld, Jaco Meanik, Fred Wang, Rong Jie Wang, Rong Jie	Straus, Johann  Barnard, Arno  Straus, Johann  Straus, Johann  Straus, Johann  Straus, Johann	08:00 08:45 09:30 10:15 11:00 11:45 12:30 14:45 15:30 16:15 PE44 Time 08:00 08:45	GOPAL  KLOPFERS  NELWOUDT  PETERMANN  NETYS  BRUCE  NOTHNAGEL  SMET  MCGNEGOR  WAN BLUON  MULIN  3-3017  SCHWALB  AMASTASSOU	AE	Permanent Magnet Synchronous Generator  Wound Rord Synchronous Generator  Wound Rord Synchronous Generator  Fotovoltaties module demonstrate entheld  gight frequency incident annealer for  popplication of work hardened small arms  ammunitation cause  Social Powered Air Conditioner  Design of a water-level monitoring system  Duals Aais Solar Tracker  Recomment of the Synchronous Generator  Burgerian Multimonial Logistic Regression  Creating intelligent Agents with  Feature Struction and image Culcutering  Living Automocodes  November 9, E354  Topic  Generating music with neural networks  Courty by earnight speech starting  Generating music with neural networks  Courty by earnight speech starting visited by earning the starting of the startin	Kamper, Maarten Kamper, Maarten Ris, Arnold Ris, Arnold Ris, Arnold Strauss, Johan Du Preez, Johan Du Preez, Johan Du Preez, Johan Kamper, Merman Adverser Kamper, Herman Kamper, Herman	Vermeulen, Johan Beukes, Johan  Vermeulen, Juhan Beukes, Johan  Beukes, Johan  Beukes, Johan  Fourin, Coenrad  Kamper, Herman  Lamper, Herman  Zangen, Herman  Zangen, Lerman  Zangen, Lerman	Wang, Rong Jie  Vermeulen, Johan  Garner, Karen  Vermeulen, Johan  Vermeulen, Johan  Beukes, Johan  Kamper, Herman  Vermeulen, Johan  Gegebrecht, Herman  Gimore, Jacki  Convenor  Engelbrecht, Japie  Engelbrecht, Japie	PE448-2017  Intel Surveyer  GREO MITTHO  GRES ECITÉ  GREO MACULLOUGH  10-15 O ESMIDT  11-00 VAN DER MERWE  11-45 NAUDE  12-30 KRIEL  14-00 NARAINDASS  14-45 SETATI  15-30 NDAVI	WA Init N AP MU J RH AK SGH Y T VD	protect MOSFE on paper  November 8, E207  November 9, E207  Novemb	Advisor  Beyers, Ryno  Beyers, Ryno  Beyers, Ryno  Van Niekerk, Carl  Van Niekerk, Carl  Van Niekerk, Carl  De Villiers, Dirk  De Villiers, Dirk	Indexaminer Botes, Elmine Meyer, Petrie Fourie, Coenrad  Meyer, Petrie  Meyer, Petrie  Meyer, Petrie  De Willers, Dirk  Beyers, Ryno  Beyers, Ryno  Yan Niekerk, Carlo	Commonor  Meyer, Petrie Botes, Limine Moyer, Petrie Ou Prece, Johan Gule, Nathle Gule, Nathle Gule, Nathle Gule, Nathle Boyers, Byno
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