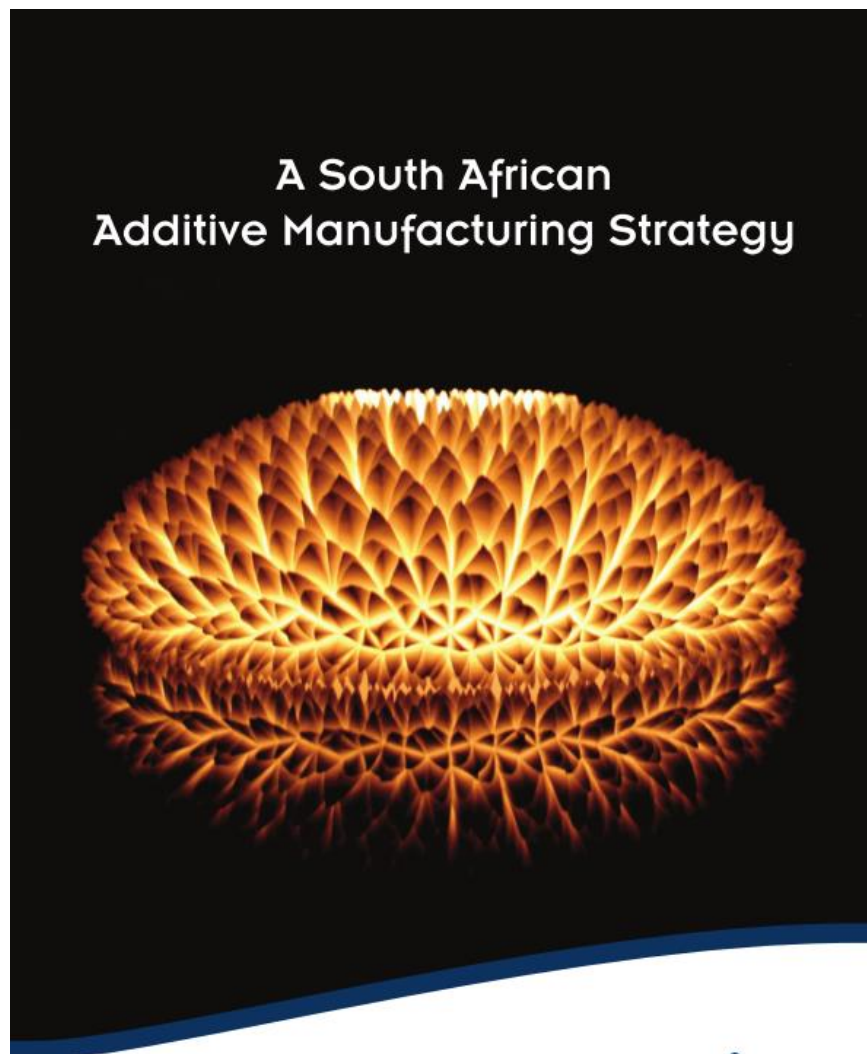


## RAPDASA 2016 AGM: Chairman's report

A. Projects / Meetings / Workshops /Conferences/Events that emanated from RAPDASA, or institutions or individuals connected to RAPDASA, which contributed to AM development and/or Public awareness of AM:

1.

- Finalisation of the AM Roadmap
- Upgrading of the Roadmap to become the SA AM strategy.
- Thanks to DST and especially Hardus, as well as the rest of the team involved.
- Officially launched at CUT (25 August), and given extra substance by also launching / celebrating the CUT's ISO accreditation.
- The AM Strategy is available for download on the RAPDASA website.



## 2. Progress with CPAM:

- Activities development; regular reporting and feedback sessions; program review scheduled for latter part of November.
- We would like to express our gratitude to DST for funding the programme – it is certainly helping to put SA AM activities on the map, and giving is standing / credit internationally (amongst others referenced by Terry Wohlers), and gives RAPDASA as organisation even more “official” standing.
- During the 2008 conference, we discussed the evolvement of RAPDASA to a possible “community of practise” recognised / acknowledged by government, and this has now certainly realised.
- Furthermore, thanks again to Hardus Greyling, who takes / absorbs much of the “pain” involved by managing the programme, finances and keeping us all on track to stay with the aims and goals, and support to achieve even more.
- First students also graduated / are at the end of the pipe-line.
- For the second year, the previous pre-RAPDASA conference Ti seminar have now been supported (driven) by also reporting back on progress made in the CPAM MAM programme. (Driven / organised by Prof Willie du Preez).
- This year, the pre-conference seminar drew 55 attendees.
- An important aspect of the seminar is that we have used the same referee process on the articles, and more important, it gets the research outputs in print, and helps us to start claiming the space / get credit for developments / build a basis for future citation of SA-based research.
- Also, for the second year, the I2P workshop is an outflow from the CPAM (DfAM and PAM) programmes, and proved to be very popular. Thanks also for the Innovation Hub’s buy-in for the process. This year, the pre-conference workshop became a two-day event.
- A quick survey of the main programme will show a significant contribution of papers / presentations by CPAM-supported projects.

## 3. IMS Meetings:

- Local and abroad;
- Attendance of the World manufacturing Forum, which led to interaction with the international IS community (Thanks again to Garth Williams for support and invitations)

## 4. 3D printing and under resourced communities (DST) – led to the first Government support contract (beyond the initial THRIP support received) for the further development and roll-out of I2P Labs in the country.

## 5. RAPDASA Open day – hosted by CUT as part of the AM Strategy launch, and the celebration of more than a decade’s hard work by the CUT team that led to the first ISO accredited centre in SA to supply custom-designed Ti-implants, together with a

significant value chain of surgical planning models, surgical guides, jigs and fixtures, as well as moulds / forms for “facial / cosmetic” masks, etc.

6. Various TV appearances / public appearances by different teams as a result of ground breaking work in SA.
  7. AM Trophies for the annual NSTF awards (CUT and NLC)
  8. ASTM participation (Marius Vermeulen)
  9. RAPDASA EXCO Strategic planning session (Led by Garth Williams)
  10. Participation in various international conferences / platforms. Various other delegations / visits to Europe
  11. Growing participation by Industry in “Major Projects / Development Projects”. Also leading to DST’s much sought after “Industry Led R&D paradigm”
  12. RAPDASA Design Competition – biggest ever. Drew significant participation and sponsorship support.
- B. RAPDASA Constitution and SARS Registration – Constitution finally approved, and SARS Registration completed. Exemption of Income Tax Organisation Status / NPO registration. Special thanks to Hardus Greyling, Marius Vermeulen, Maritha Theron, Willie du Preez, David Bullock and Pauline Bullock. The process to employ a part-time RAPDASA Secretary has also started.

<b>Tax Clearance Certificate Number:</b> 0700/2/2016/A000453850	
<b>Tax Clearance Certificate - Good Standing</b>	
<b>Enquiries</b> 0800 00 SARS (7277)	
<b>Approved Date</b> 2016-10-11	
<b>Expiry Date</b> 2017-10-11	
<b>Company registration number</b>	
<b>Income Tax</b> (RAPDASA)	9274130229 RAPID PRODUCT DEVELOPMENT ASSOCIATION OF SOUTH AFRICA
<b>Trading Name</b> (RAPDASA)	RAPID PRODUCT DEVELOPMENT ASSOCIATION OF SOUTH AFRICA

**SARS**  
*At Your Service*

It is hereby confirmed that, on the basis of the information at the disposal of the South African Revenue Service (SARS), the above-mentioned taxpayer has complied with the requirements as set out in the Tax Administration Act.

This certificate is valid until the expiry date reflected above, subject to the taxpayer's continued tax compliance. To verify the validity of this certificate, contact SARS through any of the following channels:

- C. Following from the SA AM Landscape project as reported previously, the number of printers in SA has evolved to a level where it became impossible to count. My conservative estimate is that is now beyond 6000 units are in operation in SA – far majority entry level / personal printers.
- D. Various (lucrative) local developments have been reported. Excellent progress made on the AEROSWIFT project, with first parts shown.



- E. Feedback on RAPDASA 2015
  - a. Attendance: 230 registrations – highest ever
  - b. Industry focus
  - c. Sponsorships: - more than R 500 000, not including in-kind (100 000)((highest ever?)

- i. 7 Bronze
  - ii. 3 Silver
  - iii. 3 Gold
  - iv. 2 Platinum
  - v. NRF KIC Grant
  - vi. 13 Exhibitors (R127 000)
  - vii. Additional exhibitions in foyer
- d. Expected profit/surplus to be more than R 100 000.00 Congratulations to the organising committee for an excellent conference, as well as the technical committee for excellent papers.

### **RAPDASA 2016**

#### **Summary of Registrations**

Total Number of Registered Attendees:	211
Total Number of Students:	64
Total Number of Registered Delegates:	101
Total Number of Registered Speakers:	33
Total Number of Registered Keynote Speakers:	13

Total Papers (71) (15 keynotes)

Retained Industry focus – continuous growth and development of industry participation and focus over the last number of years.

**Sponsorships:** - more than R 700 000, not including in-kind (approximately R200 000) (highest ever?)

- 5 Platinum Sponsors (R100 000 or more): 3D Printing Systems; Lonmin; Voxeljet; VUT and the DST
- 3 Gold (R50 000 or more): NWU / Innovation Highway; NRF KIC Grant
- 2 Silver (R25 000 or more): EOS and Altair
- 1 Bronze (R15 000 or more): EDM Shop
- 2 Platinum
- NRF KIC Grant
- 13 Exhibitors (R127 000)
- Additional exhibitions in foyer

#### **Design Competition Sponsors:**

- 3D Printing Systems (Platinum)
- VUT AMP (Gold)
- MODENA (Silver)

- Rapid 3D parts (Bronze)
  - Fouche 3D Printing (Bronze)
  - Co-sponsors: Model Haus; RABBIT Disruptive Innovations
- e. Expected profit/surplus to be more than R 100 000.00 Congratulations to the organising committee for an excellent conference, as well as the technical committee for excellent papers.

**Exhibitors (20):**

- Voxeljet
- Altair Rapid 3D
- Altair solid Thinking
- Modena OneSolve
- Fe Power Supplies (Pty) Ltd
- 3D Solids
- ProductONE
- EOS
- Morgan 3D Printing
- CUT
- Caldeaz Manufacturing Technologies
- Stellebosch University
- I2P
- VUT AMP
- Demoplastech
- Weartech
- 3D Printing Systems
- Modelhaus
- Rabbit Disruptive Innovations
- BunnyCorp

**Pre-conference workshops:**

- Outflow of the DST-TiCoC support, and now also supported by CPAM (MAM) programme;
- I2P Workshops: Supported by VUT; Innovation Hub; CPAM (DfAM and PAM programmes)

Above-mentioned also serves as evidence that SA-based AM agencies / resellers as performing very well. We can also report excellent support to and interaction with the research community.

- F. **Finances:** David Bullock  
 G. **Management Committee**