

# THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC.

ARBN 078 576 495

| Prof. Tapan Saha- Section Chair | Dr Rahul Sharma— Secretary      |
|---------------------------------|---------------------------------|
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**Minutes of Meeting 8th October 2013** Venue: UQ General Purpose (South) Building, Room 78-421

#### **Attendance:**

| Office   | Attendance            | Present | Apology | Absent |
|--|-----------------------|---------|---------|--------|
| Chair  | Tapan Saha            | X       |         |        |
| Vice Chair                                     | Mike Robinson         | X       |         |        |
| Secretary                                      | Rahul Sharma          | X       |         |        |
| Treasurer                                      | Ruifeng (Richard) Yan | X       |         |        |
| Immediate Past Chair                           | Abbas Bigdeli         |         | X       |        |
| Newsletter Editor                              | Robert Ellen          | X       |         |        |
| Webmaster                                      | Nilesh Modi           | X       |         |        |
| Professional Activities                        | Vacant                |         |         |        |
| Membership Development chair                   | Chandima Ekanayake    | X       |         |        |
| Awards & Recognition                           | Mike Robinson         | X       |         |        |
| Student Activities Chair                       | Jack Gaynor           |         |         | X      |
| Educational Activities Chair                   | Vacant                |         |         |        |
| Engineers Australia Liaison                    | Tapan Saha            | X       |         |        |
| Women in Engineering                           | Mary Tom              | X       |         |        |
| Women in Engineering (Vice chair)              | Sandra Mau            |         |         | X      |
| Women in Engineering (Secretary)               | Mahnaz Shafiei        |         |         | X      |
| Aerospace and Electronic Systems Chapter       | Garry Einicke         |         |         | X      |
| Aerospace and Electronic Systems Chapter (VC)  | Steve Ashfield        |         |         | X      |
| Aerospace and Electronic Systems Chapter (Sec) | John Davies           |         |         | X      |
| Computational Intelligence Chapter             | Ross Haywood          |         |         | X      |
| Computational Intelligence Chapter (VC)        | Jun Jo                |         |         | X      |
| Computational Intelligence Chapter (Sec)       | Vacant                |         |         |        |
| Computer Chapter                               | Mike Robinson         | X       |         |        |
| Computer Chapter (VC)                          | Brian Lovell          |         |         | X      |
| Computer Chapter (Sec)                         | Vacant                |         |         |        |
| Control Sys/Robo & Auto Chapter                | John Billingsley      | X       |         |        |
| Control Sys/Robo & Auto Chapter (VC)           | Michael Kearney       | X       |         |        |
| Control Sys/Robo & Auto Chapter (Sec)          | Vacant                |         |         |        |
| Engineering in Medicine & Biology Chapter      | Mohan Karunanithi     | X       |         |        |
| Engineering in Med & Biology Chapter (VC)      | Steve Wilson          |         |         | X      |
| Engineering in Med. & Biology Chapter (Sec)    | Amol Wagholikar       |         |         | X      |
| MTT/AP Chapter                                 | Konstanty Bialkowski  | X       |         |        |
| MTT/AP Chapter (VC)                            | David Ireleand        |         |         | X      |
| MTT/AP Chapter (Secretary)                     | Morteza Shahpari      | X       |         |        |
| Power & Energy Chapter                         | Mehdi Eghbal          |         | X       |        |
| Power & Energy Chapter (VC)                    | Chandima Ekanayake    | X       |         |        |
| Power & Energy Chapter (Secretary)             | Nilesh Modi           | X       |         |        |
| Power and Energy Chapter (Student rep)         |                       |         |         |        |
| Signal Pro & Comms Chapter                     | Vaughan Clarkson      | X       |         |        |
| Signal Pro & Comms Chapter (VC)                | Dhammika Jayalath     | X       |         |        |
| Signal Pro & Comms Chapter (Sec)               | Vacant                |         |         |        |





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| GOLD Affinity Group                  | Alexandra Price  | X |   |
|--------------------------------------|------------------|---|---|
| GOLD Affinity Group (VC)             | Prachi Redey     | X |   |
| GOLD Affinity Group (Sec)            | Matthew Zillman  | X |   |
| Student Counsellor QUT               | Jacob Coetzee    |   | X |
| Student Counsellor UQ                | Vaughan Clarkson | X |   |
| Student Counsellor GU-GC             | Jahangir Hossain |   | X |
| Student Counsellor GU-Nathan         | Sascha Stegen    | X |   |
| Student Counsellor USQ               | Paul Wen         |   | X |
| Student Counsellor CQU – Brisbane    | Mary Tom         | X |   |
| Student Counsellor CQU – Rockhampton | Aruna Jayasuriya |   | X |
| UQ Student Branch Chair              | Lavish Lalwani   |   | X |



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| Number | Item                                       | Action   | Actionee                                 |
|--------|--|--|--|
| 1.0    | Attendance and apologies.                  | As noted   |  |
| 2.0    | Confirmation of agenda.                    | Confirmed with addition of '9.1 Discussion about using IEEE online communities' to store QLD Section documents.  |  |
| 3.0    | Acceptance of minutes of the last meeting. | Accepted.  |  |
| 4.0    | Business arising from the last meeting.    |  |  |
| 5.0    | Committee Coordination – Section Chair.    | <ol> <li>Call for Nominations:         <ul> <li>a. TKS notes vote of thanks for Rob Ellen's efforts in including the Call for Nominations in the September edition.</li> <li>b. New Nominations Committees' additions: (i) MJR - Computer Society; (ii) Phil Terrill – EMB</li> <li>c. ACTION: All Chapters are requested to nominate their committee by October 28.</li> </ul> </li> <li>Yet to hear from R10 about hosting of the R10 congress in Brisbane.         <ul> <li>ACTION: MJR to get an update from Lea (BCEC) about BCEC's effort to gain governmental support.</li> </ul> </li> <li>TKS following up with inactive Chapters.</li> <li>TKS urges the committee members to consider EA membership.</li> </ol> | All<br>Chapters/<br>Committee<br>members |
| 6.0    | Reports from the Section                   |  | •  |
| 6.1    | Vice Chair                                 | <ol> <li>AGM: Venue: St Leos; Guest Speaker has been finalized.</li> <li>Drinks budget during the AGM will be at \$500.</li> <li>The attendees at the AGM will be provided with the nametags and there will be a payment deadline.</li> <li>ACTION: Committee to be sent an Outlook calendar request</li> </ol>  | RS                                       |



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|      |                         | 5. MJR proposes a budget of up to \$100 for the gift for the keynote speaker – proposal supported by the committee.   |    |
|------|-------------------------|---|----|
| 6.2  | Secretary               | <b>ACTION</b> : To circulate the last year's AGM report and request the Chapters for the annual reports.  | RS |
| 6.3  | Treasurer               | Report circulated. Updates the committee about the credits to the Section account from the headquarters and urges the Chapters to chase up any outstanding checks where possible. |    |
| 6.4  | Awards & Recognition    | List for award recipients being prepared. Nominations for the 'thesis award' and 'Volunteer of the Year' awaited.   |    |
| 6.5  | Professional Activities |   |    |
| 6.6  | Student Activities      | <b>ACTION:</b> Student Counsellors to be reminded to send their nominations (one nomination per student counsellor).  |    |
| 6.7  | Membership Development  | Promotional material being ordered.   |    |
| 6.8  | Educational Activities  |   |    |
| 6.9  | Newsletter Editor       | Newsletter out in the last week of September. Next edition planned for October end. Rob Ellen nominates his colleague Mike as the editor for 2014.                                |    |
| 6.10 | Webmaster               | No report. MJR to be nominated as the Webmaster for 2014.   |    |



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| 6.11  | TISP                                  | No report.   |                    |  |  |
|-------|---------------------------------------|--|--------------------|--|--|
| 7.0   | Student Chapter Activities            |  |                    |  |  |
| 7.1   | QUT Student Chapter                   | 1 event held during the past month and we well attended. Another event planned, details yet to be confirmed.   |                    |  |  |
| 7.2   | UQ Student Chapter                    | Planning in progress for one more event this year about 'interview techniques'.  |                    |  |  |
| 7.3.1 | GU (GC) Student Chapter               | No report.   |                    |  |  |
| 7.3.2 | GU (Nathan) Student Chapter           | Pizza lunch is being organised.  |                    |  |  |
| 7.4.1 | CQU (Brisbane) Student Chapter        | Pizza lunch is being organised.  Nominations/membership for the next year are being promoted.  |                    |  |  |
| 7.4.2 | CQU (Rockhampton) Student Chapter     | No report.   |                    |  |  |
| 7.5   | USQ Student Chapter                   | No report.   |                    |  |  |
| 8.0   | Chapter an                            | d Affinity Groups  | •                  |  |  |
| 8.1   | Aerospace & Electronic Systems        | No report.   |                    |  |  |
| 8.2   | Computational Intelligence            | No report.   |                    |  |  |
| 8.3   | Computer Society                      | MJR will give a talk about Computers in early days.  |                    |  |  |
| 8.4   | Control Systems/Robotics & Automation | 2 events held – (i) Seminar on Extremum seeking control in automotive applications (Attendance: 15); (ii) Seminar on Complex Systems (Attendance: 20).  ACTION: L31 to be submitted. | Michael<br>Kearney |  |  |



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| 8.5 | Engineering in Medicine & Biology                    | 1 event held in early August, L31 has been submitted. Another event planned on 'Active sensors for smart living'. Details yet to be confirmed.   |
|-----|--|--|
| 8.6 | Microwave Theory & Techniques/Antennas & Propagation | Recent Seminar:  20 September - Seminar from Prof Nemai Karmakar from Melbourne, reasonably well attended given the short notice.  Next seminar: Thu 10 October - 5:30pm Conrad Fontes from Micreo Ltd  Planned seminars in November, dates to be advised. Rowan Gilmore / EM Solutions Pty Ltd Prof Christophe Fumaux / Adelaide Post graduate workshop (near APMC time)  2014 - We have two DLs you delayed their visit from 2013 to 2014. Currently aiming for February + March 2014. |
| 8.7 | Power & Energy                                       | A latest report of PES activities was published in the newsletter September issue.  Student branch is planning two more events.  PES is organising two upcoming events: One would be on the recent 30 year strategic electricity plan published by QLD government and the second will be a seminar by one of the authors.  Nilesh is organising a BBQ event in November most probably.   |
| 8.8 | Signal Processing/Communications                     | IEEE Day get together at a Pub (Attendance - 7). Next meeting scheduled for November 1.  |



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| 8.9  | Graduates of Last Decade | Leadership Seminar – October 10. SAMIEEE QLD GOLD member count - 236 ACTION: Members to be requested to update their detail.    | Alex     |
|------|--------------------------|---|----------|
| 8.10 | Women In Engineering     | 1 event report – A seminar on autonomous robots.  Another event planned – a seminar on nanotechnology.                          |          |
| 9.0  | Other business.          | 'IEEE online communities' to be maintained to store Section documents. Vaughan and Nilesh to collaborate to explore it further. | Vaughan/ |
|      |                          | Committee agrees to support BCEC to host IEEE Organising Conference.  TKS/Vaughan to prepare a letter of support.               | Nilesh   |
| 10.0 | Next meeting.            | November 12 <sup>th</sup>   |          |