Status Report

Date: July 14, 2010

Editor-in-Chief - Trevor S. Bird
CSIRO ICT Centre
PO Box 76, Epping, NSW 1710 Australia
Tel: +61 2 9372 4289  Fax: +61 2 9372 4446
Email: ts.bird@ieee.org
Web: http://ieeeaps.org/aps_trans/index.htm
Global Picture

- TAP is now ranked 2nd out of all IEEE publications (275) based on number of downloads from Xplore — (compared with 3rd in 2009)
  - 1.3% of total use of Xplore
- Latest 2-year impact factor (2009) was 2.011
In 2009 over 500 papers (508) were published covering over 4100 pages (4136)

About 1350 new manuscripts were submitted
- average >100 papers submitted per month (annual growth rate about 3-5%)

Final papers submitted to ScholarOne since May, 2009.
- First issue using only electronically submitted papers way was in Nov. 2009 after all paper submissions were cleared.

Backlog of about 2 issues was created due to migration. The Editorial Office is working to address this.
## Top 25 Downloads in 2009

Top downloads from 2009 feature a variety of topics in the field of electromagnetic and antenna engineering. The list includes studies on numerical solutions of initial boundary value problems, Maxwell's equations in isotropic media, and a variety of antenna designs and their applications. Here is a selection of the top downloads:

<table>
<thead>
<tr>
<th>Article</th>
<th>Vol</th>
<th>No</th>
<th>Use per Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>Numerical solution of initial boundary value problems involving Maxwell's equations in isotropic media</td>
<td>14</td>
<td>3</td>
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<tr>
<td>Multiple emitter location and signal parameter estimation</td>
<td>34</td>
<td>3</td>
<td>2,163</td>
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<tr>
<td>Broadband Microstrip Antenna With Left-Handed Metamaterials</td>
<td>57</td>
<td>2</td>
<td>1,593</td>
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<tr>
<td>Electromagnetic scattering by surfaces of arbitrary shape</td>
<td>30</td>
<td>3</td>
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<td>Low-Profile, Multi-Element, Miniaturized Monopole Antenna</td>
<td>57</td>
<td>1</td>
<td>1,372</td>
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<tr>
<td>A Compact Ultrawideband Antenna With 3.4/5.5 GHz Dual Band-Notched Characteristics</td>
<td>56</td>
<td>12</td>
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<tr>
<td>Microstrip antenna technology</td>
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<td>Microstrip Patch Antennas on Tunable Electromagnetic Band-Gap Substrates</td>
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<tr>
<td>Novel Wideband Planar Fractal Monopole Antenna</td>
<td>56</td>
<td>12</td>
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<tr>
<td>Antenna design for UHF RFID tags: a review and a practical application</td>
<td>53</td>
<td>12</td>
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<tr>
<td>Single- and Dual-Polarized Tunable Slot-Ring Antennas</td>
<td>57</td>
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<tr>
<td>A Novel Compact Ultrawideband Antenna</td>
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<td>Multiband Printed Monopole Slot Antenna for WWAN Operation in the Laptop Computer</td>
<td>57</td>
<td>2</td>
<td>1,144</td>
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<tr>
<td>An Ultrawideband Diversity Antenna</td>
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<td>6</td>
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<tr>
<td>Novel Broadband Monopole Antennas With Dual-Band Circular Polarization</td>
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<td>4</td>
<td>1,127</td>
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<td>Printed Λ/8-PIFA for Penta-Band WWAN Operation in the Mobile Phone</td>
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<td>5</td>
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<tr>
<td>Ultrawideband (UWB) Antennas With Multiresonant Split-Ring Loops</td>
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<td>Experimental Characterization of UWB Antennas for On-Body Communications</td>
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<td>Compact Multiband Folded Loop Chip Antenna for Small-Size Mobile Phone</td>
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<td>Isolation Enhancement Between Two Closely Packed Antennas</td>
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<td>Low-Profile Equiangular Spiral Antenna Backed by an EBG Reflector</td>
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<td>Design and Experiment on Differentially-Driven Microstrip Antennas</td>
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<td>10</td>
<td>999</td>
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<td>Analysis of Planar Ultrawideband Antennas With On-Ground Slot Band-Notched Structures</td>
<td>57</td>
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<td>997</td>
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<td>Uniplanar Printed Coupled-Fed PIFA With a Band-Notching Slit for WLAN/WiMAX Operation in the Laptop</td>
<td>57</td>
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<td>982</td>
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<td>A Decoupling Technique for Increasing the Port Isolation Between Two Strongly Coupled Antennas</td>
<td>56</td>
<td>12</td>
<td>934</td>
</tr>
</tbody>
</table>

*Source: Tech. Univ. Berlin*
## Manuscript Type - 2009

<table>
<thead>
<tr>
<th>Proposed Manuscript Type</th>
<th>Submitted</th>
<th>Revised</th>
<th>Total</th>
<th>%</th>
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<tbody>
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<td>707</td>
<td>1754</td>
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<tr>
<td>Communication</td>
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<td>237</td>
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<td>Comment</td>
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<td>7</td>
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<tr>
<td>Errata</td>
<td>10</td>
<td>2</td>
<td>12</td>
<td>0.5</td>
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<td>Invited Paper</td>
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<td>1</td>
<td>2</td>
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<td>Special Issue Paper</td>
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<td>11</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>1298</strong></td>
<td><strong>965</strong></td>
<td><strong>2263</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

*excludes withdrawn manuscripts

Total submitted: 1347 papers
Decisions

- Average time from submission to first decision is presently ~80 days
- Time-to-publication varies from month-to-month (see web site)
- Average time from submission-to-publication (in print) is about 56 weeks

Acceptance rate is ~48% based on three-year samples (see figure)

Two special issues planned – Dec’10 and Jun’11
IEEE recently adopted the first date of publication, either ePublication on Xplore or the printed paper, whichever occurs first.

The first data for the Transactions are for the period Jan-Mar 2010:

- Average 47.1 weeks
- Median 44.6 weeks
Average Number of Days from Submission to First Decision

Month Submitted

Days

Average Number of Days from Submission to First Decision
Acceptance/Rejection
– 3 year bins

Acceptance Rate TAP August 2001 - July 2010

Period

%
2-Year Impact Factor

![Graph showing 2-Year Impact Factor over Base Year from 1996 to 2010. The graph indicates a general decrease in impact factor with a notable peak in 2000 and a sudden increase in 2008. The half-life of the impact factor is also depicted, showing a steady decline over the given years.](graph.png)
Papers Accepted
1 Jan 2009 – 1 Jul 2010

- United States: 638 (22.2%)
- China: 352 (12.2%)
- Taiwan, Province of China: 130 (6.8%)
- Canada: 194 (6.4%)
- Italy: 156 (5.4%)
- Singapore: 131 (4.5%)
- United Kingdom: 126 (4.4%)
- Korea, Republic of: 117 (4.1%)
- France: 107 (3.7%)
- Spain: 102 (3.5%)
- Iran, Islamic Republic of: 80 (2.8%)
- India: 79 (2.7%)
- Japan: 62 (2.2%)
- Sweden: 49 (1.7%)
- Netherlands: 44 (1.5%)
- Others: 454 (16.1%)
- Total: 2880 (100.0%)
Recent Developments

- Final manuscripts are no longer mailed to IEEE
  - No shipping expenses for the Society or authors
- Transactions web site is now on ieeeaps.org
- Publication of 4,500 pages projected in 2010
- Two new Special Issues planned in 2011 with MTT:
  - UWB Technology (to appear in MTT – Mar 2011)
- New Editor-in-Chief commencing 1 August
Top Reviewers/Associate Editor

- Ranking based on
  - R-score
  - Number of papers completed
  - Average time to complete
  - Completed reviews
Top Associate Editors

- Duixian Liu
- Daniel Weile
- Kwok Leung
Top-10 Reviewers

- Kin-Lu Wong
- Burkay Donderici
- Robert Burkholder
- Jorge Costa
- Rafael Boix
- Tzyh-Ghuang Ma
- Jen-Yea Jan
- Hon Tat Hui
- Kunio Sakakibara
- Sean Hum
Thank you for your contributions to the Transactions over the past 12 months!