

## Department of Chemistry

Website: <https://www.chem.ntnu.edu.tw>

Faculty and research topic: <https://www.chem.ntnu.edu.tw/index.php/en/faculty-2/>

| No. | Faculty            | Title                                                | Research topic                                                                                                                                                 | Website/Researcher Portal                                                                                                                                                                                                                            |
|-----|--------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Elise Yu-Tzu Li    | Distinguished Professor and Chair                    | <b>Theoretical Computational Chemistry Laboratory</b><br>Computational Chemistry, Electronic Structure Theory, Quantum Transport, Molecular Electronic Devices | <a href="https://eylintnulab.blogspot.com/">https://eylintnulab.blogspot.com/</a><br><a href="https://scholar.lib.ntnu.edu.tw/en/persons/yu-tzu-elise-li/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/yu-tzu-elise-li/publications/</a> |
| 2   | Di-Yan Wang        | Distinguished Professor and Associate Chair          | <b>Nano Materials Energy Lab</b><br>Physical Chemistry, Electrochemistry, Materials Chemistry, Energy Materials                                                | <a href="https://diyan-ntnu.org/">https://diyan-ntnu.org/</a>                                                                                                                                                                                        |
| 3   | Ching-Fa Yao       | Distinguished Professor                              | <b>Physical Organic Laboratory</b><br>Physical Organic Chemistry, Organic Synthesis                                                                            | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/ching-fa-yao/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/ching-fa-yao/publications/</a>                                                                                            |
| 4   | Kwunmin Chen       | Distinguished Professor and Executive Vice President | <b>Catalytic Synthesis Laboratory for Palm-to-Palm Systems</b><br>Organic Asymmetric Catalytic Synthesis                                                       | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/kwunmin-chen/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/kwunmin-chen/publications/</a>                                                                                            |
| 5   | Chia-Chun Jay Chen | Distinguished Professor                              | <b>Nanoscience &amp; Nanotechnology Lab</b><br>Physical Chemistry, Material Chemistry                                                                          | <a href="https://cjchen-ntnu.org/">https://cjchen-ntnu.org/</a>                                                                                                                                                                                      |
| 6   | Wenwei Lin         | Distinguished Professor                              | <b>Organic Asymmetric Catalysis and Heterocyclic Chemistry Lab</b><br>Synthetic Methodology, Asymmetric Organic Catalysis                                      | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/wen-wei-lin/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/wen-wei-lin/publications/</a>                                                                                              |

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| 7  | <b>Way-Zen Lee</b>           | <b>Chair Professor</b>         | <b>Laboratory of Bioinorganic Research</b><br><br>Bioinorganic Chemistry,<br>Biomimetic Catalysis,<br>Organometallics                                          | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/way-zen-lee/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/way-zen-lee/publications/</a>                                                                                                                |
| 8  | <b>Jenghan Wang</b>          | <b>Distinguished Professor</b> | <b>Laboratory of Surface and Materials Science</b><br><br>Physical Chemistry,<br>Materials Chemistry,<br>Computational Chemistry,<br>Solid-state Fuel Cell     | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/jeng-han-wang/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/jeng-han-wang/publications/</a>                                                                                                            |
| 9  | <b>Chia-Jung Lu</b>          | <b>Distinguished Professor</b> | <b>Laboratory of Analytical and Chemical Sensors</b><br><br>Instrumental Analysis                                                                              | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/chia-jung-lu/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/chia-jung-lu/publications/</a>                                                                                                              |
| 10 | <b>Tun-Cheng Chien</b>       | <b>Professor</b>               | <b>Organic Synthesis Laboratory</b><br><br>Organic, Bioorganic and Medicinal Chemistry                                                                         | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/tun-cheng-chien/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/tun-cheng-chien/publications/</a>                                                                                                        |
| 11 | <b>Hsyueh-Liang Wu</b>       | <b>Professor</b>               | <b>Asymmetric Synthesis Laboratory</b><br><br>Organic Chemistry<br>Asymmetric Synthesis<br>Natural Product Synthesis                                           | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/hsyueh-liang-wu/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/hsyueh-liang-wu/publications/</a>                                                                                                        |
| 12 | <b>Sung-Fang Chen</b>        | <b>Professor</b>               | <b>Biochemical Mass Spectrometry Research Laboratory</b><br><br>Analytical Chemistry,<br>Biochemical Mass Spectrometry Analysis,<br>Chromatographic Separation | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/sung-fang-chen/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/sung-fang-chen/publications/</a>                                                                                                          |
| 13 | <b>Ming-Kang (Brad) Tsai</b> | <b>Professor</b>               | <b>Computational Chemistry and Cheminformatics Laboratory</b><br><br>Computational Chemistry,<br>ChemInformatics, Inorganic                                    | <a href="https://www.facebook.com/mktlab.ntnu">https://www.facebook.com/mktlab.ntnu</a><br><br><a href="https://scholar.lib.ntnu.edu.tw/en/persons/ming-kang-brad-tsai/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/ming-kang-brad-tsai/publications/</a> |

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|    |                |                         | Chemistry, Physical Chemistry                                                                                                                                          |                                                                                                                                                                                                                                                      |
| 14 | Yi-Chun Yeh    | Distinguished Professor | <b>Bioorganic Chemistry Laboratory</b><br><br>Biochemistry, Synthetic Biology, Bioenergy, Biosensor                                                                    | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/yi-chun-yeh/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/yi-chun-yeh/publications/</a>                                                                                              |
| 15 | Ling-Hsien Tu  | Professor               | <b>Biochemistry Research Laboratory</b><br><br>Organic Chemistry, Biochemistry, Research on Protein Misfolding and Disease                                             | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/ling-hsien-tu/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/ling-hsien-tu/publications/</a>                                                                                          |
| 16 | I-Ren Lee      | Associate Professor     | <b>Single-Molecule Spectroscopy Lab</b><br><br>Physical Chemistry, Biophysical Chemistry, Reaction Kinetics and Dynamics                                               | <a href="https://irenlee.wixsite.com/single-molecule">https://irenlee.wixsite.com/single-molecule</a>                                                                                                                                                |
| 17 | Yi-Hsin Liu    | Associate Professor     | <b>Quantum Materials Laboratory</b><br><br>Inorganic Materials for Optical, Electrical, Magnetic and Thermoelectric Applications                                       | <a href="https://www.facebook.com/LiuLabNTNU">https://www.facebook.com/LiuLabNTNU</a><br><br><a href="https://scholar.lib.ntnu.edu.tw/en/persons/yi-hsin-liu/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/yi-hsin-liu/publications/</a> |
| 18 | Chun-Ting Li   | Associate Professor     | <b>Photoelectrochemical Analysis Laboratory</b><br><br>Nanomaterials, Electrochemical Catalysis and Analysis, Dye-Sensitized/Perovskite Solar Cells, Energy Technology | <a href="https://scholar.lib.ntnu.edu.tw/en/persons/chun-ting-li/publications/">https://scholar.lib.ntnu.edu.tw/en/persons/chun-ting-li/publications/</a>                                                                                            |
| 19 | Chong-You Chen | Assistant Professor     | <b>Nanosensor Lab</b><br><br>Analytical Chemistry, Nanomaterials, Analytical Sensors                                                                                   | <a href="https://sites.google.com/view/cychenlab/">https://sites.google.com/view/cychenlab/</a>                                                                                                                                                      |

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| 20 | <b>Trong-Nghia Le</b> | <b>Assistant Professor</b> | <b>Biomedical Chemistry Lab</b><br>Analytical Chemistry,<br>Nanomaterials, Fluorescent<br>Nanodiamonds, Biosensors,<br>Polymer Chemistry, Smart<br>Nanocarriers                      | <a href="https://www.tnlelab.com/">https://www.tnlelab.com/</a>                                                                                 |
| 21 | <b>Yane-shih Wang</b> | <b>Assistant Professor</b> | <b>Protein Chemistry and Enzyme Design Research Laboratory</b><br>Bioorganic Chemistry,<br>Protein chemistry,<br>Biocatalysis, and Novel<br>metalloenzyme design and<br>applications | <a href="https://scholar.google.com/citations?user=RdU_f0wAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=RdU_f0wAAAAJ&amp;hl=en</a> |