

|  |  |           |
|--|--|-----------|
| <b>Editorial</b> .....                         | <b>Katharina Meyer &amp; Noah Al-Shamery</b><br>From Undergrad to a PhD or an Industry Position:<br>Deciding the Next Steps After Your University Degree | <b>1</b>  |
| <b>How To PhD</b> .....                        | <b>Robert Bowles</b><br>Was a PhD the Right Choice for Me and Is It Right for You?   | <b>4</b>  |
|  | <b>Julia Koppmann</b><br>Is the Doctorate an Asset for My Employability Outside of Academia?   | <b>6</b>  |
|  | <b>Johannes Dobbelaar</b><br>Career Opportunities for Chemists in Industry   | <b>8</b>  |
|  | Perspectives on PhDs in Industry   | <b>10</b> |
|  | <b>Uwe Nickel</b><br>Die Industriepromotion – Eine Alternative ?   | <b>10</b> |
|  | <b>Lisa Bölker</b><br>Doing Your PhD in Industry – An Experience Report  | <b>12</b> |
|  | <b>Berthold Kersting, Christian Zocher</b><br>Doing a PhD as Part of an SFB (Collaborative Research Center, CRC)   | <b>13</b> |
|  | Wilhelm Jost Memorial Lecture 2024   | <b>14</b> |
|  | <b>Javier García-Martínez</b><br>How To Make the Most of Your PhD?   | <b>15</b> |
|  | <b>Javier García-Martínez</b><br>Go Beyond the Lab   | <b>17</b> |
|  | <b>Dan Obenchain, Ralf Ludwig, Jovana Milić</b><br>How To PhD: Managing Challenging Situations During Your PhD   | <b>19</b> |
|  | How To Adjust to New Working Environments  | <b>23</b> |
|  | <b>Charlotte Gerischer</b><br>International Communication and Culture in STEM  | <b>23</b> |
|  | <b>Lorenz Omran, Weishan Wu, Noah Al-Shamery, Anonymous contribution</b><br>Short Reports of International Students                                      | <b>25</b> |
| <b>Research by Early Career Scientists ...</b> | <b>Maren Podewitz</b><br>In Computational Search of Better Catalysts   | <b>27</b> |
|  | <b>Julia Westermayr</b><br>Advancing the Frontiers of Photochemistry Through Machine Learning  | <b>32</b> |
|  | <b>Stefan Gugler</b><br>Physical-Chemistry-Inspired AI for Catalyst Design   | <b>36</b> |