# SUMMER SCHOOL 2013 INNOVATION INSPIRED BY NATURE



#### **WEEK 1: INSPIRE**

| Monday<br>12th of August                           | Tuesday<br>13th of August                       | Wednesday<br>14th of August  | Thursday<br>15th of August  | Friday<br>16th of August   |  |  |  |
|--|---|--|---|--|--|--|--|
| 8.30-9.00<br>Team Meetings                         | 8.30-9.00<br>Team Meetings                      | 8.30-9.00<br>Team Meetings   | 8.30-9.00<br>Log book work  | 8.30-9.00<br>Team Meetings   |  |  |  |
| 9.00-9.15  | 9.00-12.00                                      | 9.00-12.00   | 9.00-11.00  | 9.00-12.00   |  |  |  |
| Welcome to the first week                          | Biomimicry Lecture 1:<br>Search nature          | Biomimicry Lecture 2:<br>Understand nature   | Innovation Lecture 2:<br>Critique of innovation   | Innovation Lecture 3: Innovative workshop  |  |  |  |
| 9.00-12.00  How to understand and define a problem | By Torben Lenau,<br>Associate professor,<br>DTU | By Annette<br>Bruun-Jensen,<br>Associate professor,<br>and Jacobus Boomsma,<br>Professor, UCPH | theory By Daved Barry, Professor, CBS   | design By Daved Barry, Professor, CBS  |  |  |  |
| By Balder Onarheim,                                |   | Frolessor, OCFT  | 11.00-12.00   |  |  |  |  |
| Assistant professor,<br>DTU                        |   |  | Cross-disciplinary<br>lecture: The why, how<br>and what not to do                             |  |  |  |  |
|  |   |  | Maja Horst, PhD, UCPH   |  |  |  |  |
|  | 12.00-13.00: Lunch                              |  |   |  |  |  |  |
| 13.00-16.00  | 13.00-16.00                                     | 13.00-15.00  | 13.00-16.00   | 13.00-16.00  |  |  |  |
| The arts of process and planning                   | Innovation Lecture 1: What is innovation?       | Inspirational lecture: The creative mind   | Biomimicry Lecture 3: Apply principles from nature  By Phillip Cash, Assistant professor, DTU | Team presentation  |  |  |  |
| By Balder Onarheim,<br>Assistant professor,<br>DTU | By Daved Barry,<br>Professor, CBS               | By Morten de Fine<br>Friis-Olivarius, CBS<br>15.00-17.00<br>Work in teams                      |   | Deliverable: Problem understanding, contextual analysis and workshop design  16.00 Friday beer |  |  |  |
|  |   |  |   | Triuay beei  |  |  |  |









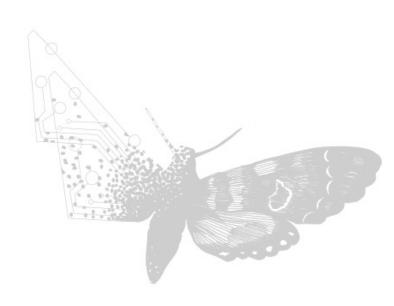








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#### **WEEK 2: EXPLORE**

| Monday<br>19th of August   | Tuesday<br>20th of August  | Wednesday<br>21th of August  | Thursday<br>22th of August  | Friday<br>23th of August   |  |  |
|--|--|--|---|--|--|--|
| 9.00-12.00 On location: Company work session                                       | 8.30-9.00<br>Team Meetings   | 8.30-9.00<br>Team Meetings   | 8.30-9.00<br>Log book work  | 8.30-9.00<br>Team Meetings                                       |  |  |
|  | 9.00-12.00   | 9.00-12.00   | 9.00-12.00  | 9.00-12.00   |  |  |
| - Students facilitate<br>workshop with the   | Workshop II:<br>Idea generation  | Work in teams  | Work in teams   | Work in teams - Prepare presentation                             |  |  |
| company  | By Joakim Rex<br>Chaos Pilot   |  | Field studies:<br>Investigate the<br>potential                          | - Frepare presentation   |  |  |
| Back at the Studio at 12.50  |  |  |   |  |  |  |
| 12.00-13.00: Lunch   |  |  |   |  |  |  |
| 13.00-16.00  | 13.00-16.00  | 13.00-15.00  | 13.00-16.00   | 13.00-16.00  |  |  |
| Welcome to the second week  Work in teams and meet with summer school facilitators | Workshop III: Introducing prototyping - as an explorative method  By Rune Rex, FABLAB TI | Inspirational lecture: Are Trends Going Out of Fashion? A New Approach to Trend Studies using Botany as Inspiration By Maria | Workshop IV: The art of the good presentation By Majse Garde, Dramaturg | Team presentation  Deliverable: Innovation themes and prototypes |  |  |
| Workshop I: Bio cards<br>development – finding                                     |  | Mackinney -Valentin,<br>Associate Professor  |   |  |  |  |
| solutions in nature  |  | Associate Professor  |   | 16.00  |  |  |
|  |  | 15.00-17.00  |   | Friday beer  |  |  |
|  |  | Work in teams  |   |  |  |  |
|  |  |  |   |  |  |  |

















# SUMMER SCHOOL 2013 INNOVATION INSPIRED BY NATURE



### **WEEK 3: CREATE**

| Monday<br>26th of August                          | Tuesday<br>27th of August                                    | Wednesday<br>28th of August   | Thursday<br>29th of August                               | Friday<br>30th of August   |  |  |  |
|---|--|---|--|--|--|--|--|
| 8.30-9.00<br>Team Meetings                        | 8.30-9.00<br>Team Meetings                                   | 8.30-9.00<br>Team Meetings  | 8.30-9.00<br>Log book work                               | 8.30-9.00<br>Team Meetings   |  |  |  |
| 9.00-9.15   | 9.00-12.00   | 9.00-12.00  | 9.00-12.00   | 9.00-12.00   |  |  |  |
| Welcome to the third week                         | Counseling sessions with bio experts                         | Work in teams   | Counseling sessions<br>with bio expert Julian<br>Vincent | Work in teams - Preparing the final presentation                               |  |  |  |
| 9.15-12.00  |  |   |  |  |  |  |  |
| Work in teams                                     |  |   |  |  |  |  |  |
|   |  |   |  |  |  |  |  |
| 12.00-13.00: Lunch                                |  |   |  |  |  |  |  |
| 13.00-16.00                                       | 13.00-16.00  | 13.00-15.00   | 13.00-16.00  | 13.00-16.00  |  |  |  |
| Introduction to idea selection and concept design | Work in teams - Choose one innovation theme to continue with | Inspirational lecture<br>by Julian Vincent,<br>Honorary Professor of<br>Biomimetics, University | Work in teams  | Team presentation Case companies are invited for presentation of final concept |  |  |  |
| Work in teams with facilitators                   | continue with  | of Bath  15.00-17.00  Work in teams   |  | <b>Deliverable:</b> Final Concept and prototype                                |  |  |  |
|   |  | Work in teams   |  | 16.00  |  |  |  |
|   |  |   |  | Friday beer and party  |  |  |  |
|   |  |   |  |  |  |  |  |















