


Title of the Abstract:

Author Name: Nanna B. Graversen & Sara D. Kadesch
Affiliation: MFA fashion design & MFA Social Design
University: Swedish School of Textiles & Eindhoven Design Academy
Country: Danish & German

Abstract:

During our studies at the Design Academy, we both became interested in the field of biomaterials, such as bacterial, fungal, and waste materials as alternative resources. Aiming to create an aesthetically lasting bioplastic, we started our research by experimenting with different resources such as gelatine, kappa carrageen and agar.
In a later step we combined the biomaterial with fruits, spices and flowers in order to receive a new original compound.
Here we realised that the material is able to capture nature and its decay in a beautiful way, in order to make flowers last longer aesthetically. The making of bioplastic and the ageing of organic waste are two processes, which are happening at the same time. Thereby the material gains an aesthetic value over time. The waste adds depth, dyes the material and creates structure to it.

Based on our research and process, we will be talking on the differences between the fields of design and science, underlining the importance of collaboration. The design approach starts with an open end where the solution is not defined by the beginning. It is rather a process which develops and allows for a speculative future scenario. Scientists more commonly, work with a specific target in mind. This fundamental difference, is a key, for future workings if we are to develop new and original findings in our fields.

Biography:

Nanna B. Graversen is studying an MFA in fashion, materials and design, specialising in knit and sustainability at the Swedish school of textiles. Through the past few years she has developed different ways of working towards products, which initiates a sustainable behavioural change in the consumer. Throughout her research she has studied at multiple academies including Central St. Martins, Eindhoven Design Academy, Kolding School of Design, The Swedish school of textiles and taken courses at University of Lapland, faculty of art and design and Nottingham Trent University.

Sara Diana Kadesch finished her studies in Social Design at the Design Academy in Eindhoven. She specialised in the making of clothing and textiles, but also developed various skills in creating object and experimenting with all kind of materials. Her design helps to sustain people. She believes in design as an innovative approach that has the

power to elevate, dignify, and provide a better quality of life.

Research Interests:

Waste and the communication of waste
Bio materials
Collaborative design practises

References:

Dunne & Raby - Speculative Everything
Rachel Carson - Silent Spring
Vance Packard - The Waste Makers

Mail Id:

NannabGraversen@Gmail.com
sara.kadesch@t-online.de

Contact Number:

+4561668288