

PUSHING THE LIMITS  
A Virtual Shaft Weaving Art Exhibition

Opening December 1st 2020  
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## PUSHING THE LIMITS

### A Virtual Shaft Weaving Art Exhibition

Weaving is one of oldest human industries -if not the oldest- and many kinds of looms or weaving devices have been accompanying humankind since the beginning of times. From the backstrap loom to dobby looms, the history of weaving has been an uninterrupted succession of technological inventions until the arrival of the first Jacquard hand looms in 18th century France. The rest is history. Today we are living the Jacquard digital loom era. Contemporary textile artists use this tool which allows for an -almost- unlimited freedom to weavers.

But this fact should not hide that many of today's artists and designers are happily enjoying weaving in shaft looms as weavers have been doing for hundreds of years. Not only to weave the functional textiles so often associated with the machine, but also works of art ; from Anni Albers' *pictorial weavings* to Peter Collingwood's *macrogauzes* to quote only two well-known examples from the last century.

It is the aim of the curators of this exhibition to highlight the unlimited possibilities of this limited "machine" to create textile pieces that are works of art in their own right. They are looking for unique pieces handwoven on a multi-shaft loom. The selected pieces will be shown in an online 3D exhibition engineered by textile artist Olivier Masson.

#### Curators



Olivier Masson, France. As a textile artist, he works on color and geometric designs inspired by shaft weaving. He published with François Roussel in 1987 the book : "Shaft weaving and graph design" and created in 1985 the textile software "Pointcarré".



Lala de Dios, Spain. A historian of art by education and a vocational weaver. She designs and produces shaft weaving textiles, teaches and organizes textile exhibitions, conferences and educational events. She likes to define herself as a textile activist.

What is shaft weaving ?

As its name suggests, shaft weaving uses a shaft loom. A shaft loom is a more complicated loom than the loom used for tapestry weaving.

On a shaft loom, a number of warp threads are threaded on each shaft and these threads are always lifted with their corresponding shaft in a group. The weaver controls the lifting of one or several shafts at a time. This constraint generates specific loom controlled graphic limitations. It is up to the weaver to get creative within these limitations.

Unlike the tapestry where only the weft is visible, the warp threads will also be visible in shaft weaving. This blend of warp and weft threads is a fundamental trait of shaft weaving. The appearance of a fabric results from the optical mixture of the colors of the warp threads juxtaposed with the colors of the weft threads.

The creation of a fabric requires the advance choosing of the colors of the warp and the threading of those warp threads through the heddles on the shafts in a particular sequence while setting up the loom. This combination of color choice and threading order determine the possible woven graphic combinations. Because of this prior programming, shaft weaving resembles algorithmic arts.

When weaving, greater freedom is possible with the choice of colors and materials for the weft than the warp colors that are fixed on the loom. Thus weaving is physically much closer to music than to painting in that a weaver can create color and graphic variations on a theme.

The art of shaft weaving has been practiced by people of all cultures for thousands of years.



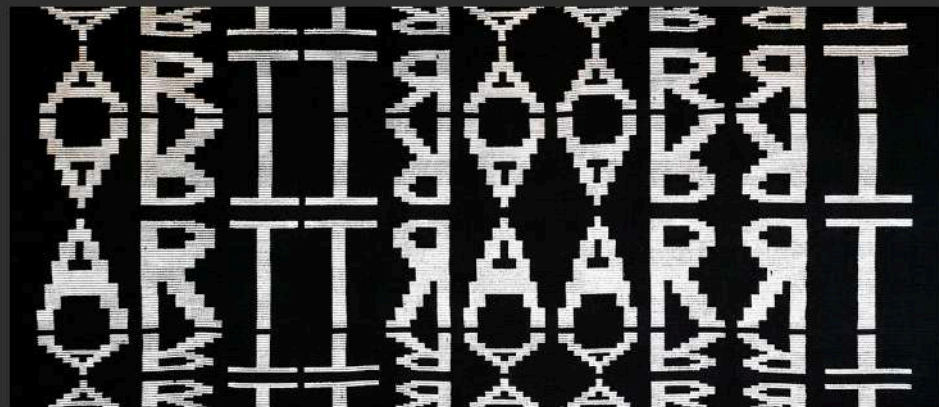
View of the 3D virtual exhibition





Dynamic

Katharina Kronig



ART

Auskim

Untitled

Christiane Maurer



Out of Sync

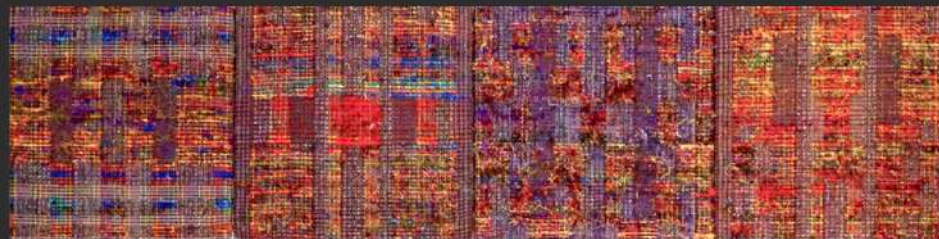
Theo Wright





Hexagonal Cellular Symmetry

Melanie Olde



Hidden Layers of Time

Pat Moloney





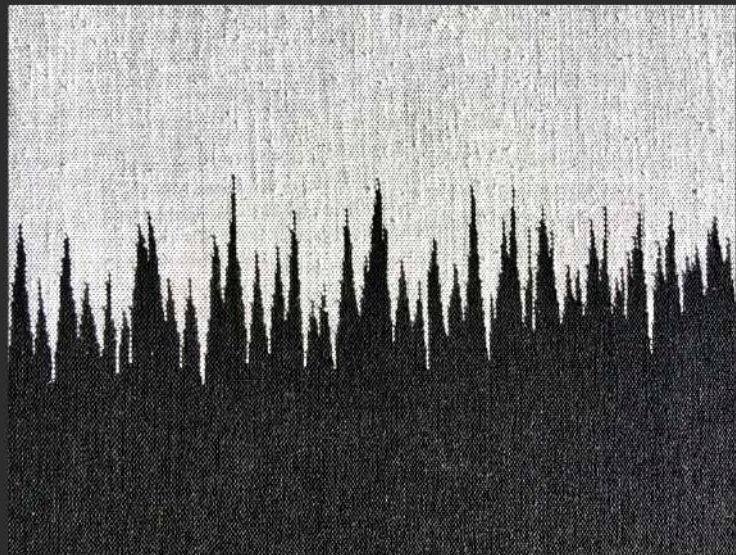
Flooded Forest

Kadi Pajupuu & Marilyn Piirsalu

Housing Project (Bellahøj) II

Sophia Borowska





Pine Trees

Lieslotte Wackemier



Gioco di Dama-Game of Checkers

Carmen Romeo





Footpaths and Faultlines

Sarah-May Johnson

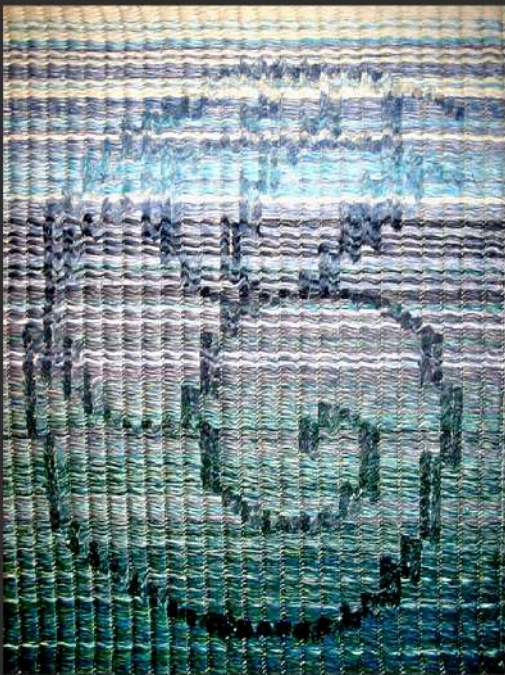


alaska

anneke kersten

Sea Shell

Natalia Tsvetkova



Observation, space and harvesting

Pedro Murua







Grid#3

Jan Silver



Telefun

Sheila O'Hara



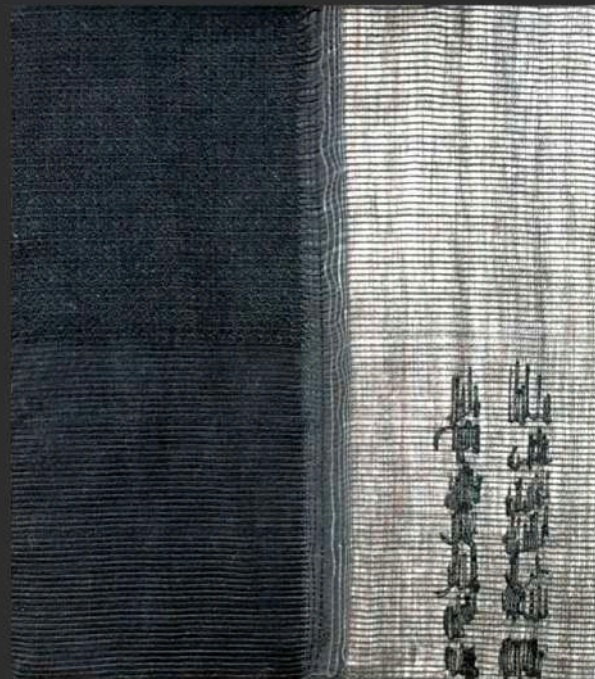
Arboretum Seasons

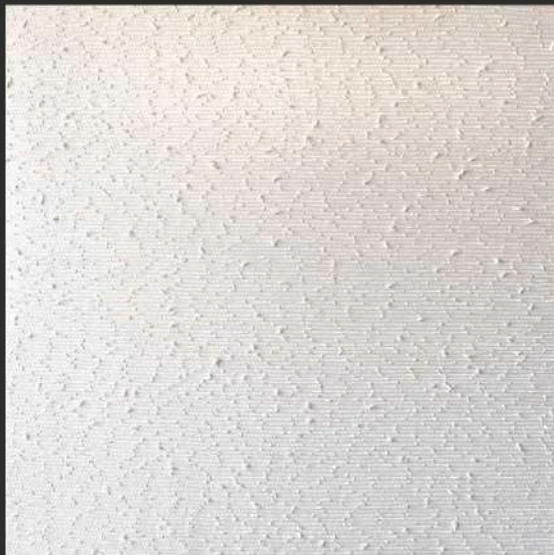
Liz Perry



Asemic Writing

Kendall Clarke





Thorns in my side

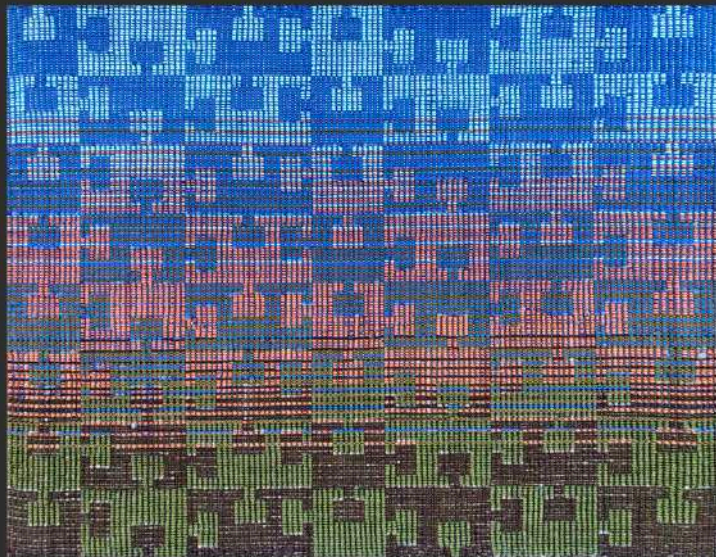
Christina Hesford



Kärör

Susana Negre





Pandemic Project

Linda Schultz



Autumn Rhythm

Monica Todd-Pokropek





Falling over the side of the mattress

Sara Elggren



Multicolor Plaid

Susie Taylor



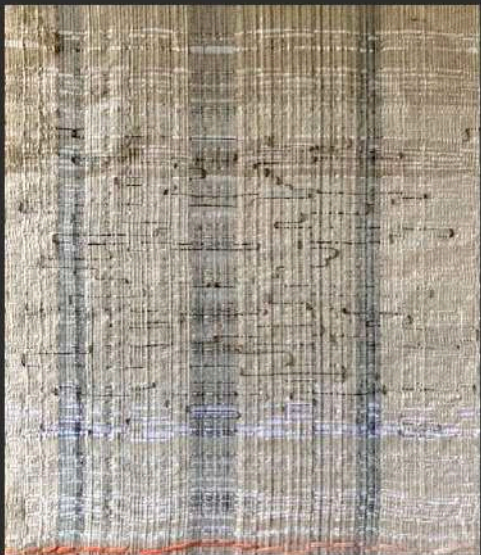
Ride the Wind

Joyce Wilkerson



Triple Weave Ombre Block

Janie Woodbridge



I am weaving therefore I weave

Elizabet Christiansson



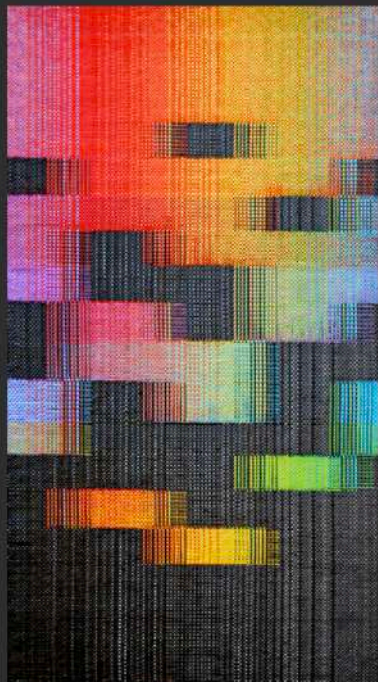
Orcadian Blessing

Pam McDougall



Eclats

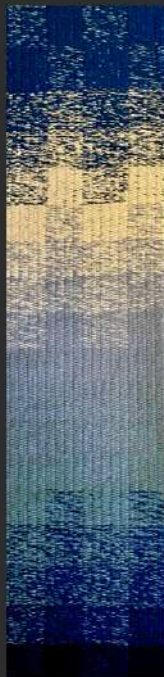
Olivier Masson



Pendulum

Marcia L. Weiss





Snettisham High Tide

Beth Inger



The Woods

Lesley Willcock

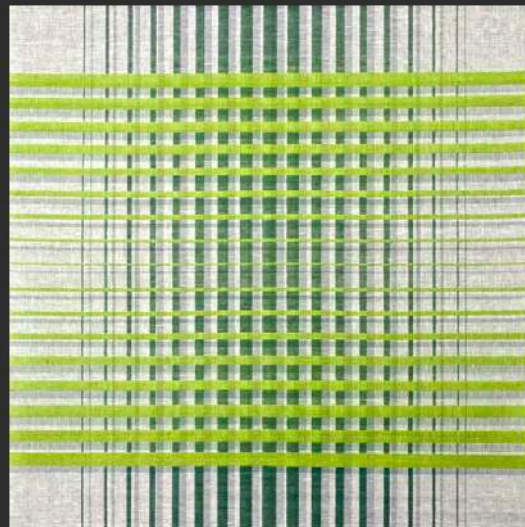
Memory

Lucy Rhodes

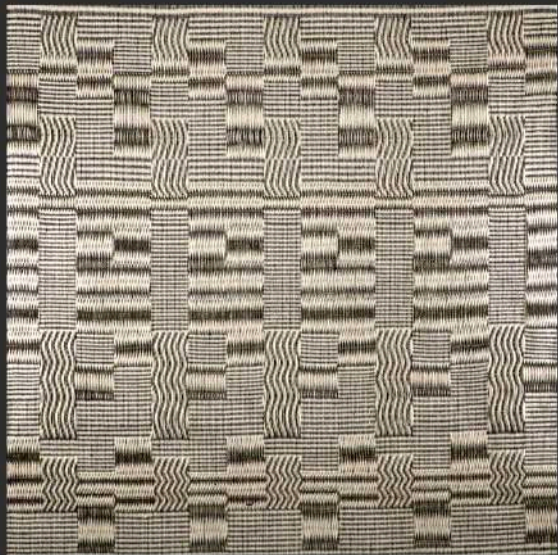


Shadow of a Doubt

Theo Rooden

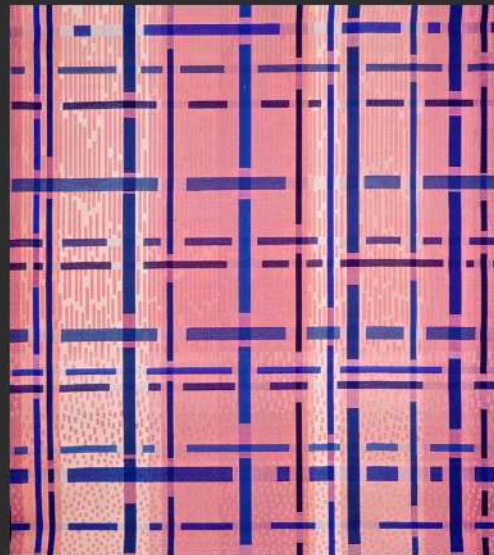






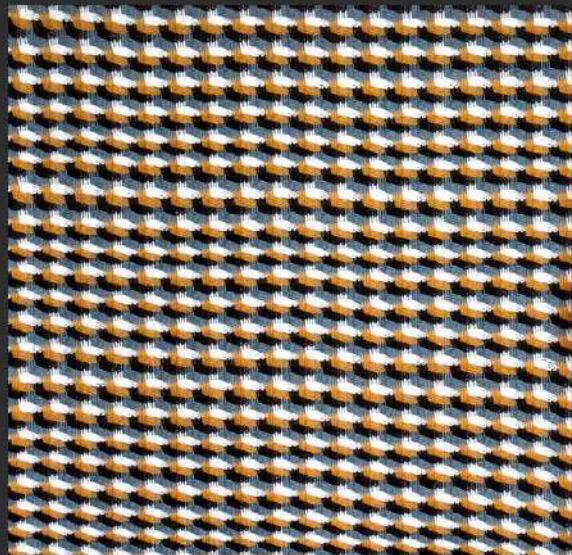
Metales personales

Luis Renteria



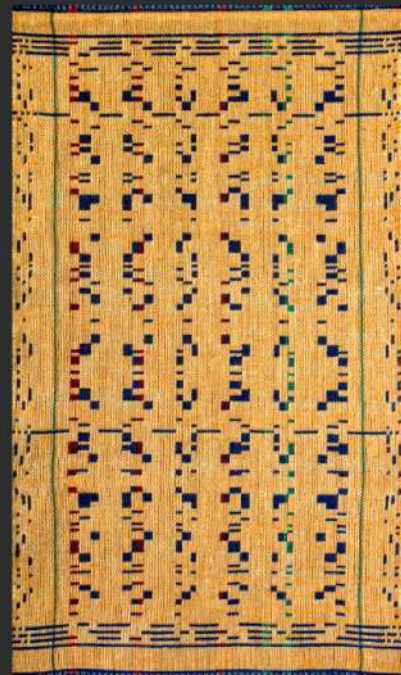
Magic Weave

Corrie van Eijk



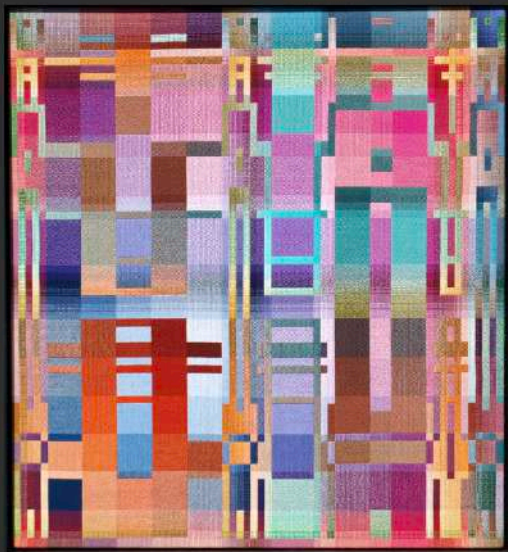
Metamorphosis 3D block

ilse philips



Covid Diary XI

Alice Schlein



Palisades

Marina L. van Dobben de Bruyn



Queralt

Lau Neumann





Spherical Miracle

Linda Hartshorn



Rhododendron

Anna Leutert



Daydream

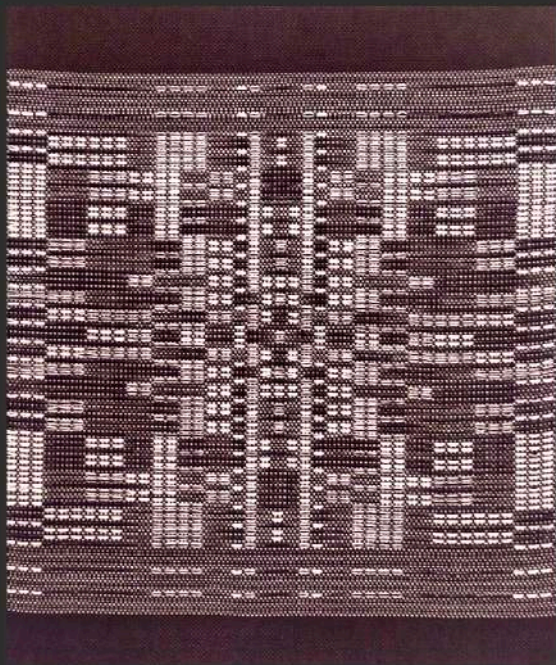
Bonnie Inouye



Untitled

Marian Stubenitsky





Untitled

Inês Resende



Agost

Mariona Cañadas





The red bookshelf

Gävert

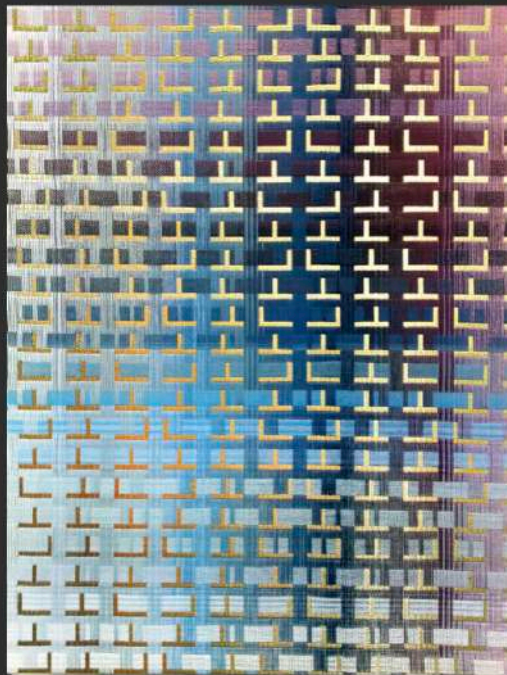


Night Rain

Helle Rude Trolle

Riley on the move

Paulien van Asperen



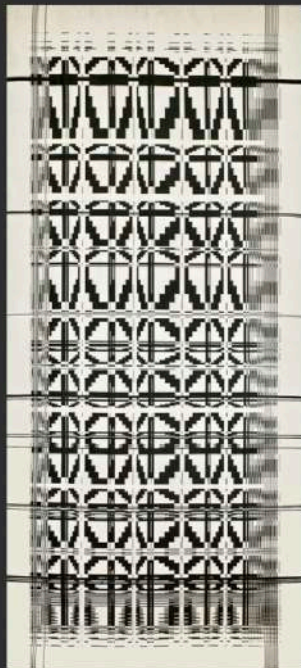
Sign

Danguole Cachaviciene



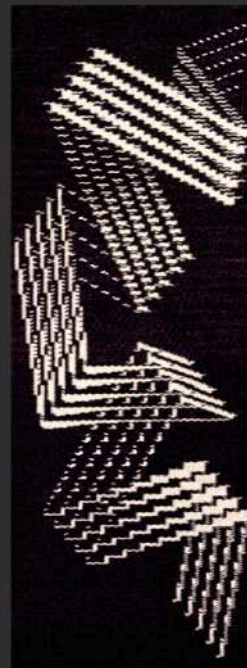
Signal To Noise

Deborah Kaplan



Meander

McCrystle Wood and Melissa Lusk







Shoal

Stacey Harvey-Brown

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Bonnie Inouye



Carmen Romeo



Christiane Maurer



Christina Hesford



Corrie van eijk



Danguole  
Cachavidene



Deborah Kaplan



Elizabeth  
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Elizabeth Inger



Helle Trolle



Inês Silva



Isa Phillips



Jan Silver



Janie Woodbridge



Josefin Gäfvert



Joyce Wilkerson



Kadl Pajupuu &  
Marilyn Piirsalu



Katharina  
Kronig.png



Kendall Clarke



Laura Neumann



Lesley Willcock



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Linda Hartshorn



Linda Schultz



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Monica Pokropek



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Susana Negra



Susie Taylor



Theo Rooden



Theo Wright



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