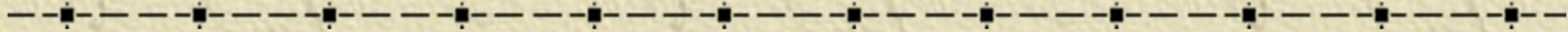


Clothing
Technology

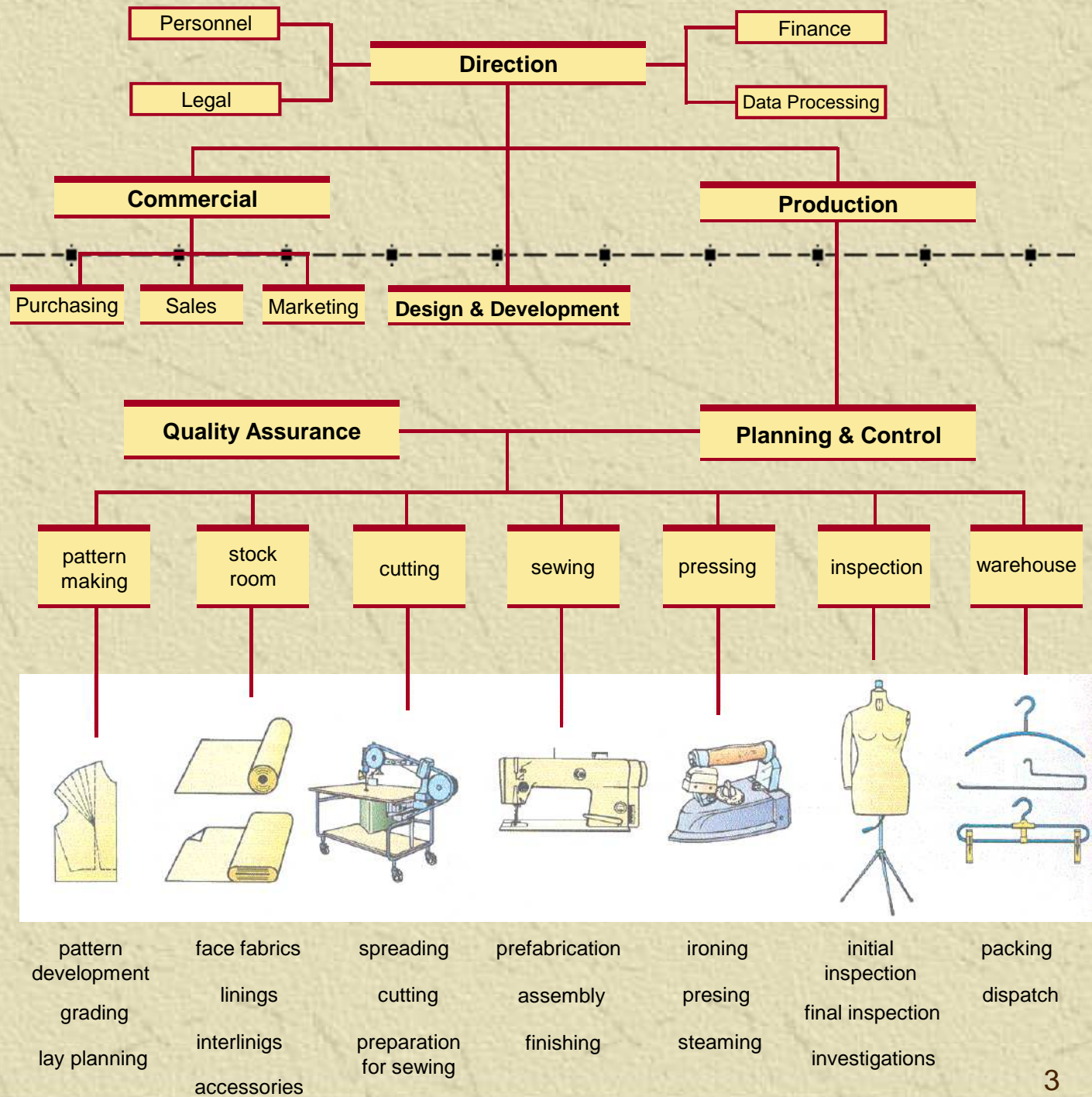
Ing. Petra Komárková, Ph.D.

Organisation Of Clothing Manufacture

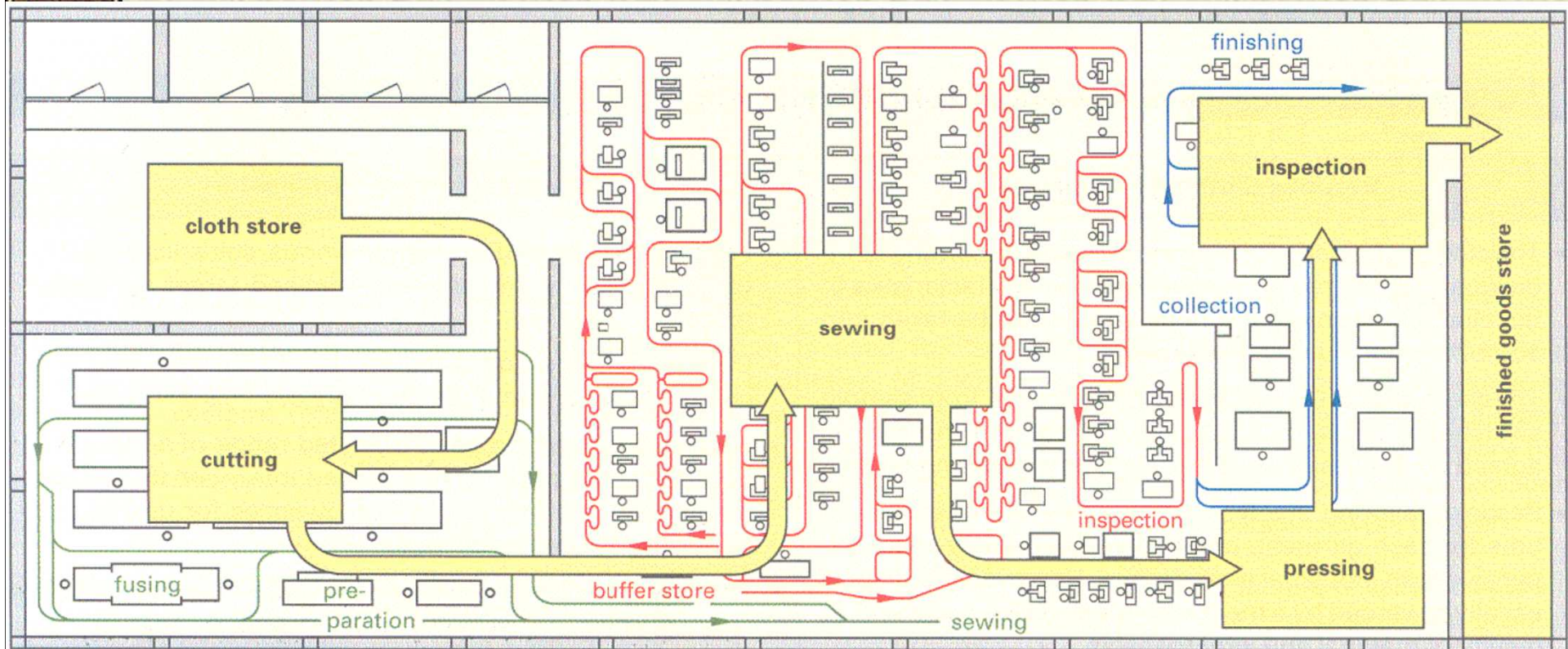
Organization of a Clothing Manufacturing Company



Organization of a Clothing Manufacturing Company



Material Flow



Industry sectors

✦ Clothing Industry:

- ◆ Small, Hand-made (bespoken) operations
- ◆ Large industrial garment making enterprises



Industry sectors

- ✦ **INDUSTIAL** production is divided according to:
 - ◆ **Target groups** (women's, men's and children's wear)
 - ◆ **Applications** (underwear, shirtings, foundation garments, workwear, and sportswear)
 - ◆ **Materials** (wovens, flat knits, circular knits)

Industry sectors

✦ Bespoke operations is divided along technical lines:

- ◆ Men's tailoring
- ◆ Women's tailoring
- ◆ Shirtings
- ◆ Underwear

Product groups with examples of Product types

Menswear, Boys wear	Womens wear	Children's wear	Work wear, sportswear
jackets trousers suits formal wear uniforms waistcoat coats traditional costume	blouses dresses skirts jackets coats trousers & trouser-suits evening wear wedding dresses traditional costume	baby wear jackets trousers coats girls dresses	work wear sportswear leisure wear ski wear jeans protective clothing
Knitted Outerwear	Shirtings, Underwear	Foundation wear, Swimwear	Accessories
pullovers twin-sets jackets & cardigans knitted dresses	dress shirts casual shirts children's shirts nightwear underwear lingerie	brassieres corsets support stockings swim suits bikinis swimming trunks	socks stockings leggings scarves caps ties handkerchiefs

Garment Production Systems

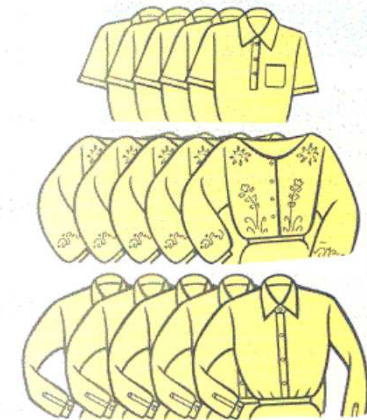
Systemy oděvní výroby

✦ Types of Production System

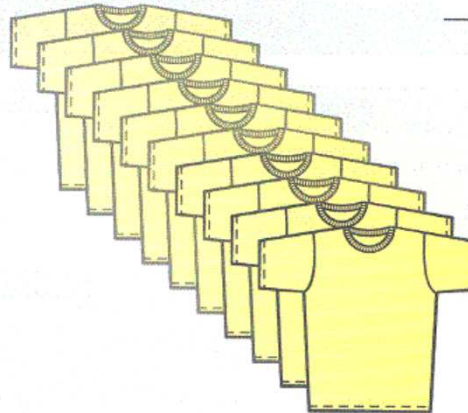
Individual Production



Batch Production



Mass Production



Garment Production Systems

Systemy oděvní výroby

✦ Types of Production System

- ◆ INDIVIDUAL PRODUCTION – each product is made only once (made-to-measure costume)
- ◆ BATCH PRODUCTION – for larger, though fixed quantities of identical articles (blouses, skirts)
- ◆ MASS PRODUCTION – large quantities of identical products are made continuously (T-shirts, work trousers)

Garment Production Systems

Systemy oděvní výroby

✦ Production Organization Systems

- ◆ Synchronised, or strait-line system
- ◆ The progressive bundle system



Planning a Collection

The Company Year

Sept 2022	Oct	Nov	Dec	Jan 2023	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec 2023
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Information gathering	Collection creation	Collection presentation	Production	Delivery
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fabric fairs

Winter Collection 2023/2024

clothing fairs
mfg schedule
Sum 2023

- Premiere Vision
- Moda In
- Interstoff Frankfurt
- Idea Biebla
- Idea Como
- Prato Expo
- Styl Brno

Information gathering	Collection creation	Collection presentation	Production	
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fabric fairs

Spring / Summer
Collection 2024

clothing fairs
mfg schedule
Win 23/24

Information gathering	Collection creation	
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Winter Collection
2024/2025