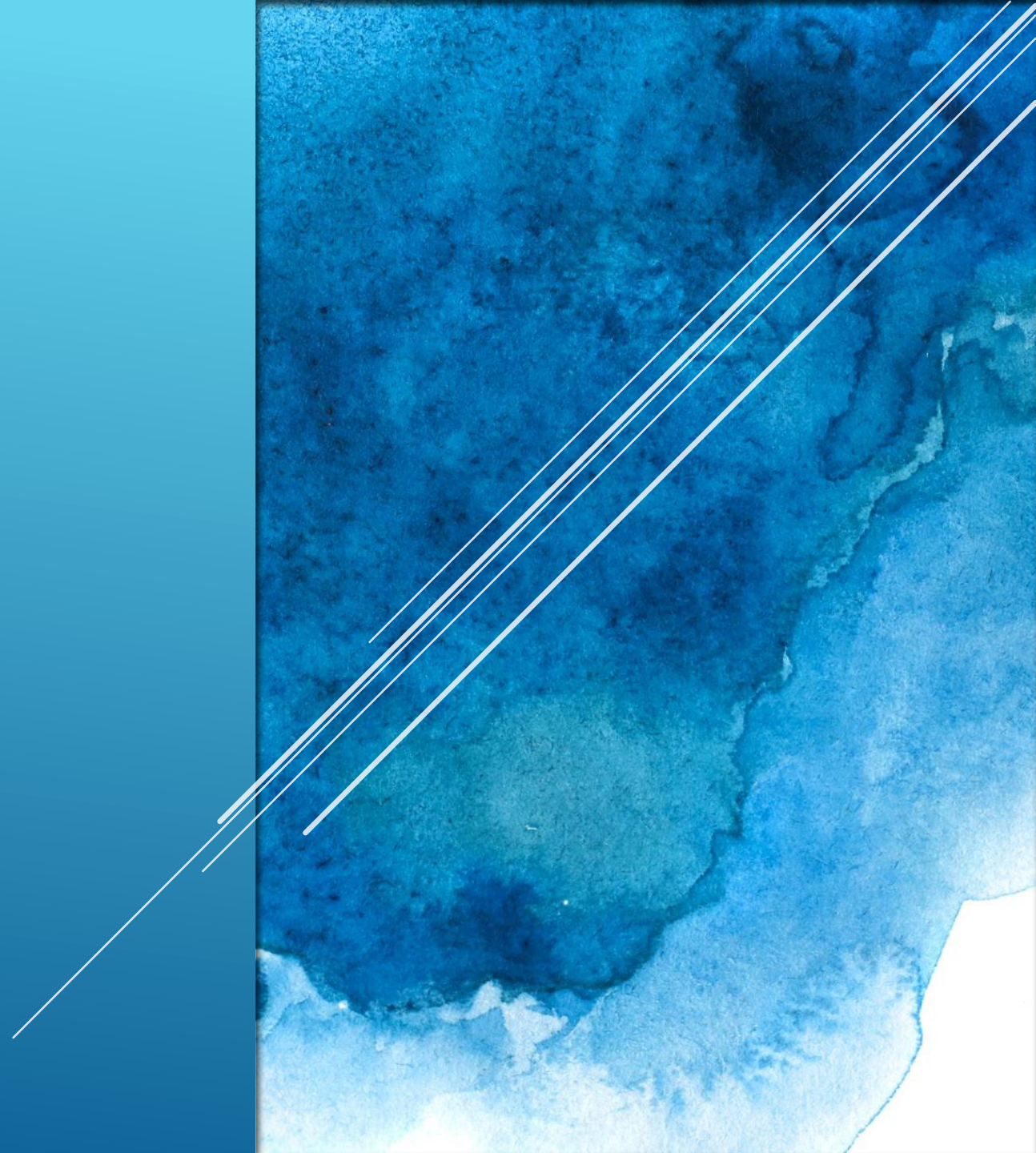
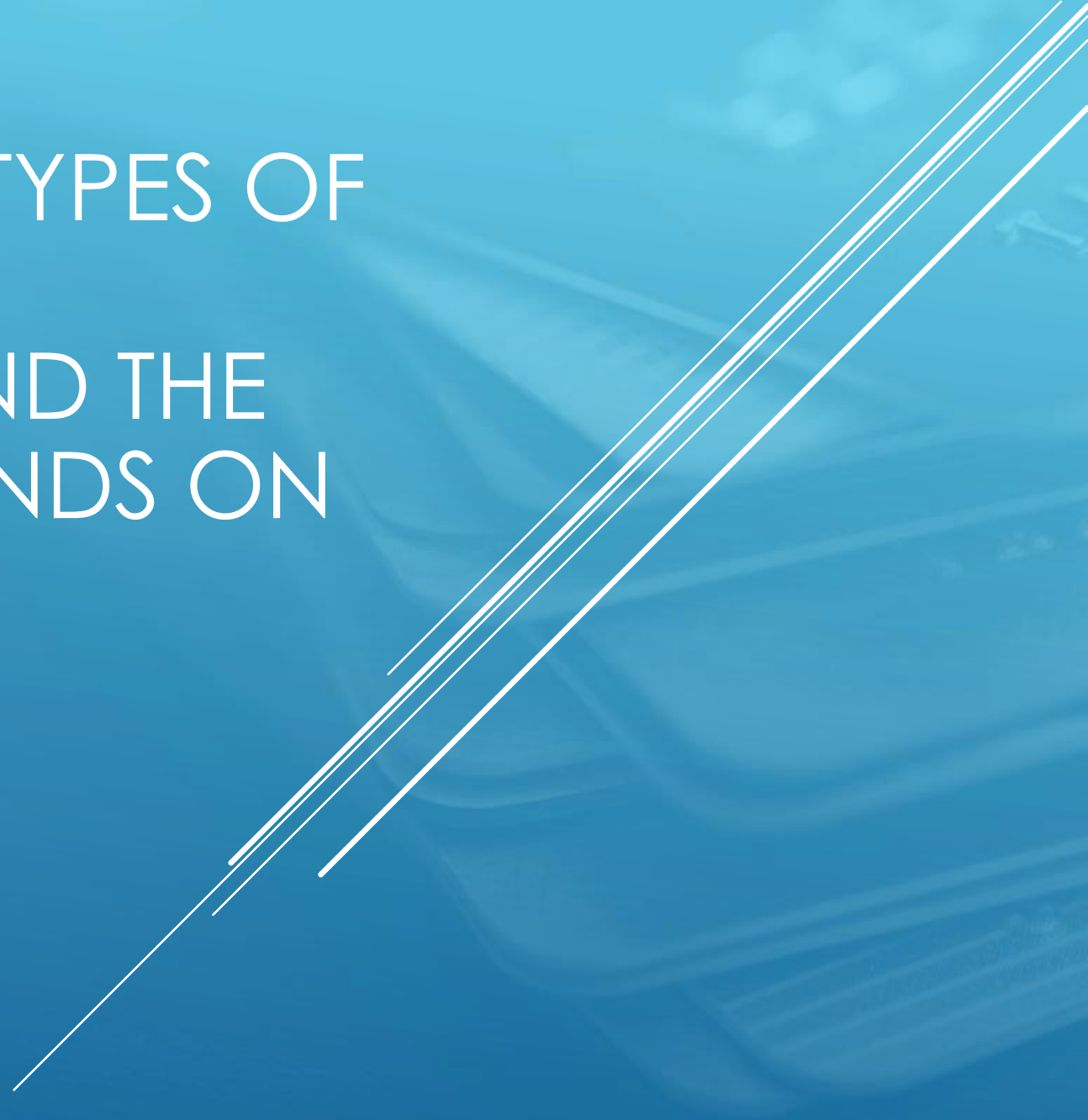


# CHAPTER 05

## MEMORY



THERE ARE VARIOUS TYPES OF  
MEMORY CARD FOR  
PHOTOGRAPHERS AND THE  
SIZE AND TYPES DEPENDS ON  
THE PHOTOGRAPHER





- ▶ Secure Digital, officially abbreviated as SD, is a proprietary, non-volatile, flash memory card format the SD Association developed for use in portable devices. The standard was introduced in August 1999 by SanDisk, Panasonic and Toshiba as an improvement on MultiMediaCards. SD's have become an industry standard.

## SD CARDS



- ▶ A Secure Digital Extended Capacity (SDXC) card is a very small flash memory card that has greater storage capacity than the original SD (Secure Digital) memory cards. SD and SDXC cards facilitate portable storage among devices such as smartphones, eBooks, digital cameras, camcorders, music players and computers.

## XDSC CARDS



- ▶ SDHC stands for Secure Digital High Capacity. These cards hit the market in 2006 and vastly increased the capacity potential for SD cards. The technology included in SDHC cards can hold up to 32GB of data, which is more than enough for many simple cameras and smaller devices



## SDHC CARDS

- ▶ A CompactFlash card (CF card) is a memory card format developed by SanDisk in 1994 that uses flash memory technology to store data on a very small portable device. It has no moving mechanical parts and does not need a battery to retain data.



# COMPACT FLASH CARDS

- ▶ MultiMediaCard (MMC) is a flash memory card standard. Typically, an MMC is used as storage media for a portable device, in a form that can easily be removed for access by a PC. Secure Digital (SD) is a flash (non-volatile) memory card format and is used for storage.



## MULTIMEDIA CARDS



- ▶ MicroSD cards are the smaller-sized version of SD cards and the biggest difference between the two is the form factor. They're also more versatile since they're often available with an SD adaptor that allows you to use microSD cards in hardware devices that only support SD cards.

## MICRO SD CARDS